

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

136.3
M68
no. 46

U. S. Department of Agriculture
WASHINGTON

cop. 2

FARM CREDIT ADMINISTRATION
UNITED STATES DEPARTMENT OF AGRICULTURE
WASHINGTON, D. C.

MARKETING FRUITS, VEGETABLES, AND NUTS

A Selected and Annotated Bibliography

Compiled by

FLORENCE C. BELL

COOPERATIVE RESEARCH AND SERVICE DIVISION

Inv. '60

136.3
M68
no. 46

FARM CREDIT ADMINISTRATION

A. G. Black - Governor

COOPERATIVE RESEARCH AND SERVICE DIVISION

T. G. Stitts - Chief

W. W. Fetrow - Associate Chief

UNITED STATES
DEPARTMENT OF AGRICULTURE
LIBRARY



BOOK NUMBER 166.3
M68
no.46

FOREWORD

At the request of the National Fruit and Vegetable Committee of the American Farm Bureau Federation and a number of cooperative associations, the Cooperative Research and Service Division has prepared a list of references to recent literature on the marketing of fruits, vegetables, and nuts. This literature reflects for the 10-year period covered, 1931-40, the many changes that have taken place in methods of handling perishable produce. The primary purpose of the list is to make more readily available sources of data that may be of practical assistance to the cooperatives engaged in marketing fruits, vegetables, and nuts.

T. G. Stitts, Chief
Cooperative Research and Service Division

CONTENTS

	Page
Foreword	i
Introduction	v
Sources consulted	vi
National defense, the war, and marketing	1
Credit	3
Fruits, vegetables, and nuts:	4
General	4
Canned and dried commodities	37
Fruits:	38
General	38
Apples	45
Apricots	57
Berries:	57
General	57
Strawberries	59
Cherries	61
Citrus fruits	62
Grapes	70
Peaches:	72
Fresh	72
Canned	74
Pears	75
Prunes	77
Raisins	78
Other fruits	79
Vegetables and melons:	81
General	81
Asparagus	87
Beans	89
Cabbage	90
Cauliflower	90
Lettuce	91
Melons	92
Potatoes	93
Sweetpotatoes	109
Tomatoes	111
Other vegetables	114

	Page
Nuts	117
Standardization, grades, packages, packaging, labels, inspection, enforcement	119
Markets	134
Roadside markets	148
Bibliographies and indexes	150
Index	159
Cooperative Research and Service Division - Publications issued or now in press	253

INTRODUCTION

The major purpose in compiling this bibliography is to bring together references to technical and selected statistical material of value to producers and their cooperative associations, research and service specialists, teachers and students, who are interested in the marketing of fruits, vegetables, and nuts. Publications relating to marketing by cooperatives and by other agencies and on the broad general subject of marketing are included. Most of the titles listed are doubtless available in agricultural libraries throughout the United States, and many of them can be obtained from issuing sources.

This bibliography is a selected list. Publications in English only have been included. The bulk of the titles selected were published during the years 1931-40, although a few publications issued earlier were included, and as many of those issued in 1941 as became available during the course of the work.

In general, the scope of material selected has been confined to the marketing of fruits, vegetables, and nuts grown in the United States. Titles on the marketing of these commodities - fresh, dried, and canned - include the subjects of standardization, grades, packages, packing, labeling, markets, marketing methods, marketing economics, and marketing information. The bibliography contains also some material on costs, prices, returns, inspection, enforcement, credit, exports, and possible effects of World War II upon the outlook for growers.

On the other hand a number of subjects have been excluded: the processes of canning and drying, transportation, diseases in transit, storage, diseases in storage, market diseases, frozen food, imports, and tariffs. On some of these subjects detailed bibliographies have been compiled during recent years by the Library of the United States Bureau of Agricultural Economics and other agencies.

In general, references to material in periodicals have not been included, although some references to such material are shown.

Appreciative acknowledgment is made of the advisory assistance of A. W. McKay, Chief of the Fruit and Vegetable Section of the Cooperative Research and Service Division, Farm Credit Administration, also of cordial cooperation and assistance from Mrs. Minnie H. Eernisse of the Fruit and Vegetable Section, from Miss Gladys E. Birt and Mrs. Marion Turley of the Library of the Farm Credit Administration, and from Miss Louise O. Bercaw, Miss Mary F. Carpenter, Miss Wanda Johnson, and others of the Library of the United States Bureau of Agricultural Economics.

In a few instances annotations are quoted from Agricultural Economics Literature, which is published by the Bureau of Agricultural Economics of the United States Department of Agriculture. In these cases the abbreviation "A. E. Lit." has been used.

SOURCES CONSULTED

Miscellaneous Sources:

Agricultural Economics Literature, v. 5, no. 1, January 1931 to v. 15, no. 10, December 1941. Published by U. S. Department of Agriculture, Bureau of Agricultural Economics, Washington, D. C.

American Institute of Cooperation,
American Cooperation, 1931 to 1940

Journal of Farm Economics, 1931 to August 1941

U. S. Farm Credit Administration, printed and processed publications, 1933 through December 31, 1941, including publications in press on the latter date.

Card catalogues of the following libraries:

U. S. Bureau of Agricultural Economics
U. S. Farm Credit Administration
Library of Congress

MARKETING FRUITS, VEGETABLES, AND NUTS

A Selected and Annotated Bibliography

Compiled by Florence C. Bell
Cooperative Research and Service Division
Farm Credit Administration

NATIONAL DEFENSE, THE WAR, AND MARKETING

1. Burmeister, Gustave. Canned fruits and vegetables and the war. U. S. Bur. Agr. Econ. Agr. Situation 24(7): 18-20. July 1940.
2. Englund, Eric. Outlook for fruits and vegetables especially as influenced by the war. 21 pp., processed. U. S. Dept. of Agriculture, Bureau of agricultural economics. [Washington, D. C., 1940]
Address before the International Apple Association, Pittsburgh, Pennsylvania, August 15, 1940.
Includes discussion of export prospects for dried fruit, raisins, prunes, and apricots.
3. Gaumnitz, E. W. Some aspects of the impact of the war upon California fruit and nut industries. In California agricultural economic conference, Stockton, California, December 17-18, 1940. Proceedings. Calif. Dept. Agr. Bul. v. 30, no. 1, pp. 135-141. Sacramento, Jan.-Mar. 1941.
4. Marsh, R. S. A national defense program for fruit growers. Amer. Fruit Grower 61(2): 16, 33, 40-41, 42, 43. Feb. 1941.
Address before the Tennessee State Horticultural Society, outlining for the American fruit grower a program of preparedness which he can undertake as an individual as well as in group action.
5. Osmon, R. A. The Army goes shopping for fruits and vegetables. News for Farmer Cooperatives 8(7): 12-13, 22. Oct. 1941.
Describes procedure for growers to follow if they wish to obtain Army business.
6. Shear, S. W., Hoos, Sidney, and Wellman, H. R. Effects of the war on California fruit industries. 97 pp., processed. Calif. Agr. Expt. Sta. Giannini Found. Agr. Econ. Mimeogr. Rpt. 74. Berkeley, Jan. 1941.
Bibliography, pp. 92-97.

Three questions concerning the influence of the European war upon the various fruit industries of California are considered:

1. What has been the situation to date?
2. What are likely prospects during the remainder of the war?
3. What are some possible developments in the post-war period?

Supplement I contains a chronology of political and economic developments in Europe during the war, and of some economic developments in the United States.

In Supplement II the major wartime regulations and restrictions that have affected exports of California-produced fruits are outlined. Import and price controls of the United Kingdom, France, Canada, and a number of other countries are discussed.

The tables include the United States domestic exports by countries of destination, July 1938-June 1940, for the major fresh and dried fruits.

7. Teague, C. C. The effect of the war upon California farmers. Amer. Inst. Coop. Amer. Coop., 1940: 150-151.
8. Thompson, Alvan C. Vegetables and defense. Market Growers Jour. 69(5): 417, 419, 421. Sept. 1, 1941.
Valedictory message of President Alvan C. Thompson, V. G. A. of A. at Columbus national meet.
"...we should avoid a sudden general expansion of vegetable acreage on new land, which might later prove disastrous to the vegetable industry, as it did following the last war. ... Increased production should be made mainly in the crops which can either be exported, consumed at home, or else preserved and held as food reserves." Page 417.
9. Tukey, H. B. The defense program and the fruit industry. Rural New-Yorker 100(5513): 530, 532. Oct. 4, 1941.
The following questions are discussed: What does the grower face today? What are the uncertainties? What can he reasonably expect? What can he do as an individual? What can he do as the member of a group? Page 530.
10. U. S. Dept. of agriculture, Bureau of agricultural economics. Fruits; the world war and the 1939 European war. 19 pp., processed. Washington, Oct. 13, 1939.
Issued in small edition for office work and not for general distribution.
Partial contents: Fresh apples; Fresh pears; Citrus fruits; Dried fruits; Raisins; Prunes.

11. U. S. Dept. of agriculture. Regional adjustments to meet war impacts. 65, 24 pp., processed. Washington, D. C. [Oct. 1940]

This report deals with possibilities of adjustments in farming systems that may have to be made by farmers as a result of war and the national defense program. The report is a result of consideration given to these problems by a committee of representatives from the Agricultural Adjustment Administration, Agricultural Marketing Service, Bureau of Agricultural Economics, Extension Service, Farm Credit Administration, Farm Security Administration, Forest Service, Soil Conservation Service, and Surplus Marketing Administration.

Fruits - western states, pp. 59-62; western vegetables, pp. 62-63.

12. Wellman, H. R., and Hoos, Sidney. Situation and outlook for selected fruits and nuts with special reference to the war. 48 pp., processed. Calif. Agr. Expt. Sta. Giannini Found. Agr. Econ. Mimeogr. Rpt. 75. Berkeley, Feb. 1941.

Data on oranges, lemons, grapefruit, almonds, olives, avocados, dates, walnuts.

CREDIT

13. Duddy, Edward A. Financing the wholesale distribution of fresh fruits and vegetables. Jour. Business Univ. Chicago 11(4, pt. 1): 376-394; 12(1, pt. 1): 88-106; Oct. 1938, Jan. 1939.

Subtitles: Production loans by middleman - pre-season loans; Government lending agencies providing production credit; Production credit associations; Problems raised by entrance of the Federal Government into the field of production credit; Financing shipment and sale; Financing of marketing through government agencies; Commodity or warehouse loans; Government financing of stored commodities.

14. Dunmeier, E. F. Financing cooperative marketing of farm products in Washington. 63 pp. Wash. Agr. Expt. Sta. Bul. 322. Pullman, Oct. 1935.

The author states on page 6 that "the primary object of this bulletin is to answer as fully as possible the following questions:

"(1) What amount of financing, both absolutely and in relation to business done, is required for fixed investment and current operations by cooperative marketing organizations in Washington?

"(2) What methods have been used with greatest success by the cooperative organizations of the state in supplying these financial needs?

"(3) In the light of the experience of the organizations of this state, what appear to be some standards of good practice in cooperative financing?

"(4) What financing practices have resulted in most trouble and poor results?"

The cooperative organizations that market primarily apples or berries are discussed, as well as associations marketing other fruits and also vegetables.

15. More, Charles W. The credit needs of cooperatives in the tree fruit industry. Amer. Inst. Coop. Amer. Coop., 1938: 459-464.
16. Smith, Milton E. Coordination of credit, purchasing and marketing. Amer. Inst. Coop. Amer. Coop., 1935: 399-402.
Deals with financing of potato growers in Aroostook County, Maine, by the Aroostook Production Credit Association.
17. Stokdyk, E. A. Cooperative buying and cooperative credit for fruit and vegetable growers. 8 pp., processed.
[U. S. Farm credit administration. Washington, D. C., 1938]
Discussion at the American Farm Bureau Federation annual meeting, December 12, 1938.
18. Stokdyk, E. A. Financing agricultural cooperatives. In California agricultural economic conference, Stockton, California, December 17-18, 1940. Proceedings. Calif. Dent. Agr. Bul. v. 30, no. 1, pp. 130-134. Sacramento, Jan.-Mar. 1941.
Discusses subject of financing California cooperatives.

See also Item 194 - Financing a cooperative apple washing and packing unit; Item 251 - Financing production and marketing of Louisiana strawberries and suggested reorganization.

FRUITS, VEGETABLES, AND NUTS

General

19. Albright, John. Census of fruit and vegetable distributors. 15 pp., processed. U. S. Dept. of commerce, Bureau of the census. Washington, 1938.

Speech on Census of Business, delivered at annual meeting of the National League of Wholesale Fresh Fruit and Vegetable Distributors.

Discusses census methods, classification of distributors, 1935 sales of four classes of distributors, and wage rates.

20. American fruit and produce auction association, inc., New York. Creating your market. 33 pp., illus. New York, 1939.

"The purpose of the Auction Association and of this booklet is to promote a better understanding of fruit and vegetable Auctions and to show how growers and shippers are creating markets for their products by proper use of the Auctions." Foreword.

21. American institute of cooperation. American cooperation, 1931-40. Collections of papers comprising the summer sessions of the Institute. Washington, D. C., American institute of cooperation.

Separate entries have been made for papers dealing with the marketing of particular fruits, vegetables, and nuts, and with the subjects of credit, national defense, foreign trade of the United States, markets, and pro-ration plans.

The following papers deal with more general aspects of the marketing of fruits and vegetables:

1932. Farm Board policies with reference to Nation-wide cooperative marketing of fruits and vegetables, by W. G. Meal, pp. 105-114; Meeting the retailers' requirements, by Russell A. Palen, pp. 383-389; Report of round-table committee on marketing local vegetables and small fruits, pp. 563-593; Report of round-table committee on fruit marketing, pp. 593-600.

1933. Quality improvement as a goal for cooperation, by Wells A. Sherman, pp. 197-203; Accomplishments of the California Fruit Growers Exchange in quality, by C. C. Teague, pp. 203-215; The Agricultural Adjustment Act in relation to fruits and vegetables, by J. W. Tapp, pp. 345-357; Marketing Carolina fruits and vegetables cooperatively, by T. B. Young, pp. 378-382.

1935. Some problems of the fruit and vegetable industry, by N. L. Allen, pp. 381-383; Chain store purchasing activities and the cooperative, by A. U. Chaney, pp. 397-398; Problems in distributing fruits and vegetables cooperatively, by M. C. Gay, pp. 427-436.

1936. Developments and problems in the marketing of fruits and vegetables, by N. L. Allen, pp. 443-453; Membership cooperation in marketing fresh fruits, by Cornelius Bus, p. 454; Grading and packing of fruits and vegetables, by Frederick V. Waugh, pp. 483-488; The

relation of the spray residue problem to cooperative marketing, by J. W. Lloyd, pp. 489-490, and W. A. Ruth, pp. 494-496.

1937. Trends in marketing and market distribution, by Fred E. Clark, pp. 40-52.

1938. Meeting current problems in cooperative marketing, by C. C. Teague, pp. 53-60; Industry problems confronting Pacific Northwest fruit growers, by B. A. Perham, pp. 425-435; Cooperative sales promotion in marketing tree fruits, by J. E. Klahre, pp. 444-449; Possibilities and limitations of control of shipments as a method of dealing with tree fruit surpluses - I, by H. R. Wellman, pp. 478-495, II, by A. M. Echternach, pp. 496-500; The cooperative's job in reconstructing the Pacific Northwest fruit industry, by J. W. Hebert, pp. 501-505; Enlarging markets through cooperative action, by F. W. Read, pp. 506-512; Trends in consumption of small fruits and vegetables, by E. H. Wiegand, pp. 515-519; Competing areas of production, by N. L. Allen, pp. 520-532; A sales promotion plan for cooperatives, by Dwight Paulhamus, pp. 539-541.

1939. What's ahead in fruit and vegetable marketing? - I, From the standpoint of the produce trade, by Charles W. Irrgang, pp. 603-608; II, From the standpoint of the cooperatives, by W. F. Heppe, pp. 609-612.

1940. Sales methods and policies of cannery cooperatives in the United States, by Harry C. Hensley, pp. 743-754; Changes and trends in the methods of marketing fresh fruits and vegetables by cooperatives, by J. H. Heckman, pp. 768-777; What a local fruit growers association can do for its members, by Herbert Nafziger, pp. 778-781; How cooperatives of the Central States can successfully merchandise fresh fruits and vegetables, by N. L. Allen, pp. 782-785.

22. Armstrong, Paul S. The need of strong cooperatives in the control of output. Amer. Inst. Coop. Amer. Coop., 1934: 339-346.

23. Ballinger, Roy A. The importance of the fruit and vegetable industry in Louisiana. 45 pp. La. Agr. Expt. Sta. Bul. 294. [University] Jan. 1938.

Partial contents: Carlot shipments; Production, shipments, and farm prices of snap beans.

24. Cake, Edwin W. Operation of small-lot country fruit and vegetable auctions. 40 pp., illus. U. S. Dept. of Agriculture, Farm credit administration, Cir. C-118. Washington, D. C., May 1940.

The rapid growth of country auctions selling small lots of fruits and vegetables and their demonstrated

efficiency as cooperative marketing organizations under certain conditions led to this general study of such auctions on the eastern seaboard, where they are most numerous. "...the aim of this study is to provide a general picture of fruit and vegetable marketing at country auctions by describing the development and present status of such markets, the environment in which these auctions operate, the results of their operations, and the reactions of growers and buyers toward them." Page 1.

25. Cake, Edwin W. Some facts concerning country fruit and vegetable auctions in Eastern seaboard states. 51 pp., illus. N. Y. (Cornell) Agr. Expt. Sta. Bul. 737. Ithaca, June 1940.

In cooperation with the U. S. Farm Credit Administration.

"Data were obtained from 64 country fruit and vegetable auctions which operated during 1936 in 10 Eastern Seaboard States, and from 9 which ceased to operate before 1936." Page 8.

26. California. Agricultural prorate commission. Bulletin no. 4. The Agricultural prorate act; an analysis and explanation of the statute (as amended) with suggestions as to procedure by producers to take advantage of its provisions (rev. to December 1, 1938). 22 pp. Sacramento, Agricultural prorate commission [1938]

27. California. Dept. of agriculture, Division of markets, Federal-state market news service. Jobbing prices at Los Angeles for certain fruits and vegetables, 1929-1934. 60 pp., processed. Los Angeles [1935]

In cooperation with U. S. Bureau of Agricultural Economics.

"... Jobbing sales are sales made by original carload or truckload receivers, usually in large lots, to jobbers for resale to retailers. Sales to chain stores or to chain retail markets are frequently made at jobbing price levels.

"... The quotations given are not intended to show the extreme price range, nor even an approximate average price, but rather the prevailing price range for good merchantable stock." Foreword.

28. California agricultural economic conference, Stockton, California, December 17-18, 1940. Proceedings. 164 pp. Calif. Dept. Agr. Bul. v. 30, no. 1. Sacramento, Jan.-Mar. 1941.

Partial contents: The present status of the prune industry, by Frank M. Shay, pp. 42-46; The 1940 raisin

- proration program, by William J. Cecil, pp. 46-55; Marketing programs under Federal and State laws for citrus fruits, by F. R. Wilcox, pp. 55-60; Walnut surplus control under Federal-State laws, by Carlyle Thorpe, pp. 60-66; Pears in the market, by A. A. Brock, pp. 66-71; The present status of the almond industry and its prospects for the future, by Glenn Stalker, pp. 71-75; Financing agricultural cooperatives, by E. A. Stokdyk, pp. 130-134; Some aspects of the impact of the war upon California fruit and nut industries, by E. W. Gaumnitz, pp. 135-141.
29. Campbell, Archer Stuart, and Cassel, Alvin. The foreign trade of Florida. 89 pp., processed. University of Florida publication, Economic series, v. 1, no. 7. [Gainesville] The University of Florida, Nov. 1935.
Bibliography, pp. 88-89.
Partial contents: The foreign trade of the Florida district; The foreign trade of the ports of Florida; Shipping facilities of the ports of Florida; Shipping companies in Florida; Shipping methods of Florida exporters and importers.
30. Carpenter, G. A. Usual harvesting and shipping seasons for California crops. 7 pp., processed. Berkeley, California university, Agricultural college, Extension service, 1939.
In cooperation with U. S. Department of Agriculture.
Data on fruits, vegetables, and nuts are included.
31. Clark, Fred E., and Weld, L. D. H. Marketing agricultural products in the United States. 672 pp. New York, The Macmillan company, 1932.
Wholesale auctions of fruits and vegetables, pp. 144-164.
"The marketing of farm products," 1915, used as a foundation. Preface.
32. Connecticut. Dept. of agriculture, Bureau of markets. Connecticut fruit and vegetable marketing handbook, by Brainerd T. Peck. 61 pp. Conn. Dept. Agr. Bul. 66. Hartford, 1940.
Includes discussion of legislation, grades, container standardization, and marketing facilities and methods.
33. Connecticut. Dept. of agriculture, Bureau of markets. Statistical information pertaining to the marketing of agricultural products in Connecticut, 1940. 52 pp., processed. Hartford, June 1941.

Compiled by Ann Bushman and Sylvia Gruskin.
Statistics on fruits and vegetables include containers, prices, and value of industry.

34. Connecticut. Dept. of agriculture, Bureau of markets.
Summary of carlot unloads, truck receipts and local receipts in Bridgeport, Hartford, New Haven, and Waterbury for the year 1940. 20 pp., processed. Hartford, Jan. 1941.
Compiled by Ann Bushman.
35. Converse, Paul D., and Huegy, Harvey W. The elements of marketing. 823, 89 pp. Second rev. ed. New York, Prentice-Hall, 1940.
Marketing of fruits and vegetables: discussion pp. 479-490, bibliography, pp. 491-492.
36. Dipman, Carl W., Callahan, John L., Michaels, Augusta D., and Barkin, S. R. How to sell fruits and vegetables. 200 pp. New York, The Progressive grocer, the national magazine of the grocery trade [1936]
"... There has long been the need for a culling out and condensation of the most pertinent, useful information particularly applicable to fresh fruit and vegetable merchandising in retail stores. In this book the editors of The Progressive Grocer have attempted to fill that need. An attempt was made to offer helpful suggestions for both large and small stores and stores operating under a variety of conditions." Preface.
Includes a chapter on "Principal fruits and vegetables - History, handling and merchandising characteristics."
37. Efferson, J. Norman. Prices and production of Louisiana farm products, 1910-1939. 44 pp. La. Agr. Expt. Sta. Bul. 324. [University] June 1940.
The farm products for which prices are given for the 30-year period include Irish potatoes, sweetpotatoes, and strawberries. One table presents for each community the purchasing power of the farm price of Louisiana farm products for each of those years.
38. Elsworth, R. H. Statistics of farmers' cooperative business organizations, 1920-1935. 129 pp. [U. S.] Farm credit administration, Cooperative division, Bul. 6. Washington, D. C. [U. S. Govt. print. off.] May 1936.
Associations marketing fruits and vegetables, pp. 43-55.
This bulletin is supplemented by annual processed reports entitled: "Statistics of farmers' marketing and

purchasing cooperatives, 19__-__ marketing season." The issue for 1940-41 is in press; it will be available for limited distribution.

39. Erdman, H. E. The California Agricultural Prorate Act. Jour. Farm Econ. 16(4): 624-626. Oct. 1934. (Reprinted as Paper 56, Giannini foundation of agricultural economics.)

Paper read at meeting of the Western Farm Economics Association, June 22, 1934.

Partial contents: Procedure in prorating a crop; Program for prorated marketing of potatoes; Conflicts of interest.

40. Erdman, H. E. Market prorates as restrictions on internal trade. Jour. Farm Econ. 20(1): 170-187. Feb. 1938. (Paper 67, Giannini foundation of agricultural economics.)

"My subject involves the view that prorate laws, namely, laws which permit allocation of the available markets to the members of a producer group, are trade barriers which are likely to have effects other than those more obvious effects for which they are imposed." Page 170.

Contents: Genesis of prorate laws; Producer aspects of prorate control; Consumers' reactions; General welfare aspects of proration schemes; Discussion by Budd A. Holt and M. P. Rasmussen.

41. Erdman, H. E. Supply and adjustments in fruit and vegetable marketing agreements. Natl. Marketing Rev. 1(4): 330-338. Spring 1936.

"Professor Erdman bases his study of marketing agreements upon certain fruit and vegetable agreement programs which he has observed at first hand. He discusses eight major points of conflict which handicap the success of marketing agreements. The Olive Marketing Agreement is used to illustrate the problems faced. The administration of Marketing agreements is examined and the major problems of representation, proration, restrictions and divided jurisdiction are analyzed." Editor's Note.

42. Fenton, John M. Philadelphia and New York as markets for New Jersey fruits and vegetables. 34 pp. N. J. Dept. Agr. Cir. 281. Trenton, June 1937.

It is the purpose of this circular to show, first, the dependence of New York and Philadelphia on New Jersey growers for their food needs; and second, to show the farmers of New Jersey the importance of these two large markets as outlets for their crops.

The Philadelphia and New York markets are analyzed.

43. Fetrow, Ward W. Cooperative marketing of agricultural products. 106 pp., illus. [U. S.] Farm credit administration, Cooperative division, Bul. 3. Washington, D. C. [U. S. Govt. print. off.] Feb. 1936.

Cooperatives handling fruits, vegetables, and nuts, pp. 34-44.

44. Fogelberg, Neptune, and Mumford, Herbert W., Jr. Commercial trucking of fruits and vegetables in nine Atlantic Coast States; prepared for the use of farmers' cooperative associations. 60 pp., illus. [U. S.] Farm credit administration, Cooperative division, Bul. 17. Washington, D. C. [U. S. Govt. print. off.] Sept. 1937.

In the spring of 1934 a study was begun of the problems of motortruck transportation in the marketing of fruits and vegetables, especially as related to the business of cooperative marketing associations.

"This publication deals with only one phase of the more comprehensive study. The primary objectives of this phase of the study were to determine the extent to which fruits and vegetables are transported commercially by motortruck; to analyze the services rendered shippers by truck operators and railroad companies; to analyze the costs of operating trucks and to determine the principal factors affecting such costs." Page 2.

The more comprehensive study is listed in this bibliography as item 87.

The nine States covered are New York, Massachusetts, Connecticut, Pennsylvania, New Jersey, Maryland, Delaware, Virginia, and North Carolina.

45. Fruit and vegetable marketing institute, Camden, N. J., 1938. Summary and discussions ... under the auspices of the Extension service, N. J. State College of agriculture. [35 pp.] processed. [New Brunswick] 1938.

Cooperating agencies: New Jersey State Department of Agriculture, New Jersey Farm Bureau, and the State Grange.

Subjects discussed at the institute included cooperative activities, standardization of produce and of containers, and terminal market facilities.

46. Gardner, Chastina. Beginnings of cooperative fruit and vegetable marketing. 23 pp., processed. A preliminary report. U. S. Dept. of agriculture, Bureau of agricultural economics, Division of cooperative marketing. Washington, D. C., July 1928.

Traces the history of the cooperative marketing of fruits and vegetables, beginning with the group which organized at Hammonton, New Jersey, in 1867.

47. Gay, M. C. Marketing fruits and vegetables cooperatively. 78 pp., illus. [U. S.] Farm credit administration, Cooperative division, Cir. C-110. Washington, D. C. [U. S. Govt. print. off.] Aug. 1938.

Partial contents: Distribution processes and problems, pp. 8-26; Growth of cooperative marketing, pp. 26-27; Functions of the cooperative, pp. 28-41; Some essentials for success, pp. 41-49.

Appendix A contains proposed organization forms for cooperative associations: Organization agreement, pp. 56-57; Marketing agreement, pp. 57-60; Articles of incorporation, pp. 60-63; Bylaws, pp. 64-72; Waiver of notice of first meeting of members, pp. 72-73; Minutes of first meeting of members, p. 73; Waiver of notice of first meeting of directors, p. 74; Minutes of first meeting of board of directors, pp. 74-75; Certificate of membership, p. 75; Revolving-fund certificate, p. 76.

48. Gearreald, T. N. An economic study of fruit and vegetable wholesaling and jobbing firms in New York City. 67 pp. N. Y. (Cornell) Agr. Expt. Sta. Bul. 721. Ithaca, June 1939.

Partial contents: Gross margins taken, p. 9; The lower west-side Manhattan wholesale firms, pp. 9-23; Firms dealing in "hardware," pp. 23-32; The jobbing firms, pp. 33-42; Various relationships in the produce business, pp. 43-59.

"... The purpose of the study here reported was to make available data concerning the activities of wholesalers and jobbers of fruits and vegetables, in order (1) that all interested parties might have a clearer understanding of the financial operations of these two groups, and (2) to set up standards of comparison which might be used by wholesaling and jobbing firms in making their individual businesses more efficient and thus reduce costs of distribution." Page 5.

49. Gerard, Jack. Gerard's fruit and vegetable manual. 153 pp. Tacoma, Wash., F. B. Wines publishing co. [1932]

In addition to information concerning particular fruits and vegetables, this book includes suggestions regarding the care of fresh fruit and vegetables and concerning other subjects such as buying, selling, and displays.

50. Hanson, Kenneth I., and Murata, Kenichi. Annual summary of fruit and vegetable unloads in Honolulu, 1939. [41] pp., processed. Hawaii Univ. Agr. Ext. Serv. Cir. 65. Honolulu, Mar. 1940.

One of the purposes of this annual summary is to provide a record that may be used as a yardstick for

measuring increases in the Territorial production of food and decreases in unloads from the mainland, from all islands, and from foreign countries.

51. Hanson, Kenneth I., and Murata, Kenichi. Five-year summary of fruit and vegetable unloads in Honolulu, 1936-1940. [58] pp., processed. Hawaii Univ. Agr. Ext. Serv. Cir. 109. Honolulu, Mar. 1941.

"... The population of Hawaii has increased by leaps and bounds and in order to keep a supply of fruits and vegetables on hand to meet the ever increasing demand, local wholesalers and jobbers are bringing in increased quantities of these commodities from the mainland. ...

"The combined unloads of fresh vegetables and fruit in Honolulu were 23.8 percent greater in 1940 than in 1939, and 63.3 percent heavier than in 1936. ...

"During the past 5 years 46 percent of the total unloads of mainland vegetables consisted of Irish potatoes, followed by dried onions which comprised 17 percent of the volume. Head cabbage and tomatoes are the next two important commodities. ..." Page 1.

52. Hanson, Kenneth I., and Murata, Kenichi. Summary of shipments of fruits and vegetables from Hawaii to the mainland, 1940. 12 pp., processed. Hawaii Univ. Agr. Ext. Serv. Cir. 110. Honolulu, Mar. 1941.

The charts and tables include data on the 52 percent increase in shipments of fruits and vegetables from Hawaii to the coast during the 10-year period 1931 to 1940.

53. Harper, F. A. Cooperative purchasing and marketing organizations in New York State. 117 pp. N. Y. (Cornell) Agr. Expt. Sta. Bul. 544. Ithaca, Oct. 1932.

The field survey work was done in 1929 and 1930.

Fruit cooperatives, including grape associations and apple associations, pp. 82-87; Vegetable cooperatives, pp. 87-90.

54. Hauck, Charles W. The Lake Shore growers' cooperative auction, inc. [Geneva, Ohio] An analysis of its 1936 operations. [39] pp., processed. Ohio Agr. Expt. Sta. Mimeogr. Bul. 99. Columbus, Apr. 1937.

Appendix contains individual transactions of 234 sellers and 233 buyers, bylaws, and financial statement.

This auction was organized for the purpose of providing a new sales outlet for fresh fruits and vegetables in northeastern Ohio.

55. Heckert, J. Brooks. The analysis and control of distribution costs for sales executives and accountants. 420 pp. New York, The Ronald press company [1940]

"This book has been written to aid accountants and marketing executives in the difficult task of the analysis, direction, and control of marketing effort.

"The effort of this book is to offer those who have to work out and use procedures suitable in their specific situations a statement of basic problems and suggestions of illustrative methods which will help them." Preface.

56. Heckman, J. H. Selling fresh fruits and vegetables cooperatively. 78 pp., illus. U. S. Dept. of agriculture, Farm credit administration, Cooperative research and service division, Bul. 49. [Washington, D. C., U. S. Govt. print. off.] June 1941. [In press]

The purpose of this study is to present a general picture of the marketing of fresh fruits and vegetables by cooperative associations during the period 1928-38 showing many changes that have occurred in this field. Sales transactions of 55 associations in 26 States were examined. With the exception of citrus, cranberries, and avocados, the field covered by this study includes cooperative associations handling all major perishable commodities grown in the United States and marketed cooperatively. These major crops include strawberries, apples, pears, peaches, grapes, general fruits, potatoes, lettuce, celery, tomatoes, melons, sweetpotatoes, and general vegetables.

57. Hill, R. G. A fruit and vegetable buying guide for consumers. 62 pp. U. S. Dept. Agr. Misc. Pub. 167. Washington, D. C. [U. S. Govt. print. off.] Issued Aug. 1933, slightly revised May 1940.

Includes suggestions on buying fruits, vegetables, and melons.

58. Hoffman, A. C., and Bevan, L. A. Chain-store distribution of fruits and vegetables in the northeastern States. 48 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. Washington, D. C., Nov. 1937.

In cooperation with New Jersey College of Agriculture.

Among the subjects discussed are the importance of chain stores in fruit and vegetable distribution; chain-store distribution in New York City, Philadelphia, and Boston; chain systems and competition; grower problems in dealing with chain systems; and the marketing efficiency of chain systems compared with regular marketing channels.

59. Hoffman, A. C., and Waugh, F. V. Reducing the costs of food distribution. Reprint from pages 627-637 of the 1940 Yearbook of Agriculture. Yearbook Separate no. 1750. U. S. Dept. of agriculture. Washington, U. S. Govt. print. off., 1941.
Discussion includes factors affecting marketing spreads, pp. 628-632.
60. Hopper, Wilbert C. Consumption of certain perishable farm products in Albany, New York. 52 pp. N. Y. (Cornell) Agr. Expt. Sta. Bul. 586. Ithaca, Mar. 1934.
The data obtained from 1,020 families in Albany concerning their consumption of fresh vegetables and fresh fruits were for the year ending September 1, 1930.
Reasons for increased use of fruits and vegetables, pp. 41-42; Consumption of perishable produce in Albany hotels and restaurants, pp. 42-46.
61. Hopper, Wilbert C. An economic study of the marketing of certain perishable farm products in Albany, New York. 61 pp., illus. N. Y. (Cornell) Agr. Expt. Sta. Bul. 585. Ithaca, Feb. 1934.
"The purposes of this study were: (1) to learn the nature of the business transacted on the Albany Public Market, the origin and disposal of the produce exchanged, and the efficiency of the market as it is now operated; (2) to determine the role that the public market and other retail agencies fill in the distribution of perishable farm produce in Albany and its environs; (3) to obtain data which may suggest methods of lowering the costs of marketing; (4) to obtain facts which may help to increase the consumption of New York farm products." Page 4.
62. Hopper, Wilbert C., and Pierce, C. W. Marketing and distribution of certain perishable farm products in the Lower Hudson Valley. 37 pp. N. Y. (Cornell) Agr. Expt. Sta. Bul. 620. Ithaca, 1934.
"The purposes of this study were: (1) to learn the marketing practices of fruit and vegetable growers in the Lower Hudson Valley; (2) to determine the quantity of fruits and vegetables and poultry produce purchased by hotels and restaurants and the volume of these commodities handled by wholesale produce dealers and retail stores in the territory known as the Lower Hudson Regional Market District." Page 3.
63. Hulbert, L. S. Legal phases of cooperative associations. U. S. Dept. of agriculture, Farm credit administration [Cooperative research and service division] Washington, D. C. [U. S. Govt. print. off.] 1941. [In press]

"Considerable legislation has been enacted directly affecting farmers' cooperative associations and many cases involving them have been passed upon by the courts during the last few decades.

"In this publication more than 1,200 cases, nearly all of which involved cooperative associations, are referred to and all the Federal statutes specifically mentioning such associations are discussed." Foreword.

Partial contents: Marketing contracts; Control of crops by landlord; Crop mortgages; Interference with marketing contracts; Agency; Taxes; Revolving-fund plan of financing; Bibliography.

64. Hyre, French M., Powell, Whiton, and others. A statistical handbook of farmers' cooperatives. 334 pp. [U. S.] Farm credit administration, Cooperative division, Bul. 26. Washington, D. C. [U. S. Govt. print. off.] Nov. 1938.

Tables include statistics on cooperative associations handling fruits and vegetables and on the commodities handled.

65. Jensen, W. C., Russell, B. A., and Guin, Marvin. An economic study of Sumter County agriculture. 72 pp., illus. S. C. Agr. Expt. Sta. Bul. 283. Clemson College, Jan. 1933.

Partial contents: Marketing and consumption - fruits, pp. 52-55; vegetables, pp. 56-61; marketing standards, pp. 60, 62.

66. Kerr, William J. Oregon's problem in marketing agricultural and industrial products. 76 pp. Portland, Oreg., Oregon State board of higher education [Mar. 1938]
Problems of marketing, pp. 56-70.

67. Kitchen, C. W. A quarter century of federal assistance in fruit and vegetable marketing. 16 pp., processed. U. S. Dept. of agriculture, Agricultural marketing service. [Washington, D. C.] 1940.

Address, annual meeting of United Fresh Fruit and Vegetable Association, Houston, Texas, January 16-19, 1940.

Reviews the development of the work of the U. S. Department of Agriculture in assisting growers to market fruits and vegetables.

68. McKay, A. W. Cooperative marketing of fruits and vegetables in the United States. 25 pp., processed. Pan American union, Division of agricultural cooperation, Series on cooperatives, no. 10. Washington, D. C., Apr. 1938.

Discussion includes development of cooperatives; cooperative marketing of citrus fruit, apples, potatoes, special crops and nuts, canned vegetables, fruits and fruit juices; types and organization of cooperatives; marketing; transportation; financing; and progress of cooperative marketing of fruits and vegetables.

69. McKay, A. W. Using your fruit and vegetable co-op. 12 pp., illus. [U. S.] Farm credit administration, Cir. E-12. [Washington, D. C., U. S. Govt. print. off.] 1939.
One of the series designed for classroom use.
70. McKay, A. W., and Kuhrt, W. J. Management problems of cooperative associations marketing fruits and vegetables. 52 pp. U. S. Dept. Agr. Bul. 1414. Washington, D. C., [U. S.] Govt. print. off., 1926.
Partial contents: Volume of business; Varieties; Organization; Membership control; Relation of production to cooperative marketing.
"The discussion in this bulletin refers particularly to the problems of the smaller associations handling fruits and vegetables." Page 1.
71. Motts, G. N. The production-consumption balance of agricultural products in Michigan. Part I - Fruits and vegetables. 64 pp. With introduction by H. S. Patton. Mich. Agr. Expt. Sta. Spec. Bul. 263. East Lansing, Oct. 1935.
Includes a detailed statement of sources of data.
72. National association of marketing officials. Future state marketing programs; factors to be emphasized in the marketing of vegetables and fruits. Proceedings of the twenty-first annual meeting, November 1939, Jacksonville, Fla. Warren W. Cley, Secretary-treasurer, Trenton, New Jersey. 78 pp. [n. p., 1940]
73. New England institute of cooperation. (1933) Proceedings of the seventh annual [meeting] held at Connecticut State College, Storrs, Connecticut, June 20, 21, 22, 1933. 60 pp., processed. [Storrs? 1933]
Partial contents: An analysis of the development of cooperative marketing of fruits and vegetables in New England, by L. A. Bevan, pp. 42-46; The New Jersey produce auctions, by Dwight M. Babbitt, pp. 47-50; Present cooperative effort in fruit and vegetable marketing in New Hampshire, by L. A. Dougherty, pp. 51-53; Cooperation among vegetable growers around Providence, Rhode Island, by R. B. Corbett, pp. 54-58; Cooperative marketing of fruits and vegetables in Connecticut, by G. B. Clarke, pp. 59-60.

74. New England institute of cooperation. (1940) Report. Cooperative conference... Stockholders' meeting, Springfield bank for cooperatives, June 24 and 25, 1940, Springfield, Mass. 36 pp., processed. [Springfield? 1940?]
Present and future of fruit and vegetable cooperatives in the Northeast, by M. P. Rasmussen, pp. 22-24.
75. New England institute of cooperation. (1941) Report. Cooperative conference... Stockholders' meeting, Springfield bank for cooperatives, June 23 and 24, 1941. 36 pp., processed. [Springfield? 1941]
Partial contents: What should be done today to meet the problems of tomorrow - Fruit and vegetables, by M. L. Urann, p. 27.
76. New York (City). Dept. of public markets, weights and measures. A survey of the division of the consumers' dollar used in the purchase of fresh fruit and vegetables in New York City, July 1-December 31, 1936. Published ... as a report on project no. 165-97-7999 (7028-1143) conducted under the auspices of the Works progress administration. 34 pp., processed. [New York City, 1937]
"The survey conducted under the auspices of the Department of Public Markets, Weights and Measures of the City of New York for a six month period ending December 31, 1936, tends to show in so far as is possible, the manner in which a dollar spent by the New York consumer upon fresh fruits and vegetables was divided among the various agencies instrumental in bringing it to his door." Page 1.
77. New York (State) Fruit and vegetable commission. Report of the temporary state commission to study the grading, packing, sale, and distribution of fruit and vegetables in New York State. Submitted March 1, 1937. 39 pp. Albany, J. B. Lyon co., printers, 1937. (Legislative Doc. (1937) no. 73)
Although this commission was created to study the fruit industry only, its functions were later extended to include the vegetable industry.
The commission published earlier reports in 1934, 1935, and 1936.
78. Northeastern states agricultural conference, New York City. Proceedings. November 8, 9, 10, 1934. Part IV. Fruits, vegetables and potatoes. 42 pp., processed. n. p., n. d.
Partial contents: Recommendations for fruits, vegetables and potato programs adopted at the conference; An analysis of the production and consumption of fruits

and vegetables in the Northeast and their implications; by Allen G. Waller; Some acute problems in the marketing of fruits and vegetables in the northeastern States, by M. P. Rasmussen; Application of marketing agreements to northeastern fruits and vegetables, by W. G. Meal; A system of marketing canhouse tomatoes that will stabilize acreage and discourage bargain prices on a glutted market, by S. B. Shaw.

79. Nourse, Edwin G. Marketing agreements under the AAA. 446 pp. Washington, D. C., The Brookings institution, 1935.
Partial contents: Chapter V. The marketing agreement for peanut millers, pp. 88-95; Chapter VII. Limitation and proration of perishable shipments - southeastern watermelons and Florida strawberries, California deciduous tree fruits, other simple proration agreements, northwest deciduous tree fruit; Chapter VIII. Citrus marketing agreements and national stabilization plans - citrus proration in California, Texas, and Florida, national stabilization of the citrus market; Chapter IX. Canning crops, dried fruits, and nuts - the cling peach canners' agreement, other canning crop agreements, dried fruit agreements, walnuts and pecans; Chapter XV. Results and future usefulness of market adjustment devices - general crops.
80. Oley, Warren W. The fruit and vegetable auction markets of New Jersey. 23 pp., illus. N. J. Dept. Agr. Cir. 261. Trenton, May 1936.
Outline statements are given for the following markets: Cooperative Growers' Association, Inc., at Beverly; Cooperative Marketing Association, Inc., at Cedarville; Atlantic City Market Growers' Association, at Cologne; Gloucester County Agricultural Cooperative Association, Inc., at Glassboro; Gloucester County Agricultural Cooperative Association, Inc., at Swedesboro; Hammonton Cooperative Fruit Auction Association, Inc., at Hammonton; Landisville Fruit Growers' Cooperative Association, Inc., at Landisville; Rosenhayn Farmers' Cooperative Marketing Association, Inc., at Rosenhayn; Tri-County Cooperative Auction Market Association, Inc., at Hightstown; Vineland Cooperative Produce Auction Association, Inc., at Vineland.
81. Park, J. W. American fruit and vegetable auctions. 48 pp., illus. U. S. Dept. Agr. Cir. 250. Washington, D. C. [U. S. Govt. print. off.] 1932.
Bibliography, pp. 45-47.
Partial contents: Position of auctions in channels of distribution; Auction sales of bananas; Requirements of an auction commodity; How a city auction functions;

Arguments for and against auction selling; Essential points of auction law.

"This circular relates mainly to the auctions which sell fruits and vegetables after their arrival in the large city markets, and which are sometimes called 'delivered auctions'. A brief discussion is included on auction sales in producing districts, and f.o.b. auction sales conducted by means of a leased-wire system linking up a number of markets." Page 2.

82. Park, J. W. Dealer service in the fresh fruit and vegetable industry. 23 pp., processed. U. S. Dept. of agriculture, Agricultural marketing service. Washington, D. C., June 1940.

The purpose of this survey was to ascertain the present status of dealer service in the fresh fruit and vegetable industry. An analysis of advertising was not included. Information on dealer-service work was supplied by grower-shipper organizations, State agencies, advertising companies, jobbers, and food chains.

83. Park, J. W. Market distribution of car-lot shipments of fruits and vegetables in the United States. 30 pp. U. S. Dept. Agr. Tech. Bul. 445. Washington, D. C. [U. S. Govt. print. off.] 1934.

Comparison of various metropolitan districts as car-lot markets, pp. 9-13.

84. Pearson, James H., and Hensley, Harry C. Organization and teaching procedure to be followed in evening agricultural schools on the marketing of vegetables. 33 pp. U. S. Fed. Bd. Vocat. Ed. Monog. 14. Washington, D. C. [U. S. Govt. print. off.] 1932.

Prepared cooperatively by the Agricultural Education Service, Federal Board for Vocational Education, and the Federal Farm Board.

A list of references is given in the appendix, pp. 22-33.

85. Poffenberger, P. R., and DeVault, S. H. Marketing farm products through community auctions. Md. Agr. Expt. Sta. Bul. 434, pp. 317-349, illus. College Park, June 1940.

Produce auctions, pp. 333-345.

"The objectives of this study may be stated as follows: To determine the number and types of auctions operating in Maryland; the volume of business ... of livestock, produce, poultry and eggs, and tobacco auctions; operation practices; areas served by auctions; prices received at the auction; types of buyers and

producers patronizing the auction; and any other information upon which recommendations may be made for improving the marketing of farm products." Page 318.

86. Pyle, John Freeman. Marketing principles, organization and policies. 783 pp. Revised ed. New York and London, McGraw-Hill book company, inc., 1936.
Marketing fruits and vegetables, pp. 297-309, 752.
87. Rasmussen, Marius P. Use of motortrucks in marketing fruits and vegetables; an analysis of the experiences of growers, cooperative associations, and others in nine States tributary to the New York market. 120 pp. [U. S.]
Farm credit administration, Cooperative division, Bul. 18. Washington, D. C. [U. S. Govt. print. off.] Sept. 1937.
General marketing data, on the basis of over 3,600 growers, include places of sale of important vegetables and fruits, pp. 8-9; proportion of fruits and vegetables sold to or through various types of buyers, p. 11; and relative importance of various types of buyers or sales outlets for important vegetables and fruits, pp. 14-15.
The nine States covered are New York, Massachusetts, Connecticut, Pennsylvania, New Jersey, Maryland, Delaware, Virginia, and North Carolina.
See also item 44.
88. Robb, F. G. Exporting fresh fruits and vegetables from the United States to Canada. 11 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. [Washington, 1936]
Address, Canadian Fruit and Vegetable Jobbers' Association, Toronto, Canada, January 15, 1936.
Issued in small editions for immediate use in official work and not for general distribution.
"Standards" and "grades" defined. Page 1.
89. Royston, Reginald, and Spangler, Raymond L. Important trends in national fruit and vegetable production and distribution. 13 pp., processed. U. S. Dept. of agriculture, Agricultural marketing service. [Washington, D. C., 1940]
Presented by Reginald Royston, meeting of American Farm Bureau Federation, Chicago, Illinois, December 4, 1939.
Statistics presented cover the 20-year period beginning in 1919.
90. Schneider, John B., and Alcorn, George B. A list of agricultural marketing programs in California under various Federal and State laws, July 1933 to December 1939.

9, 21 pp., processed. Berkeley, California university, Agricultural college, Extension service, Mar. 1940.

In cooperation with U. S. Department of Agriculture.

"This report in no way pretends to be any more than a list of agricultural industry marketing programs which have operated in California under various Federal and State laws during the last six and a half years." Introduction.

91. Scruggs, Frank H. Annual fruit and vegetable report, 1940-41 season. 79 pp., processed. Jacksonville, Florida State Dept. of agriculture, Florida State marketing bureau Released Oct. 10, 1941.

"To those who may doubt that our truck shipments or passing information could be complete we make assurances that it is at least as accurate as railroad shipment information and that is complimentary." Page 64.

92. Solomon, Joseph H. Controlled distribution of fruits and vegetables. 78 pp. New York [printed by the Craft linotypers, inc.] 1935.

Analyzes causes for weakness in distribution and proposes remedy. Advocates consignment method of selling.

93. Stitts, Tom G. Research and service work aids fruit and vegetable cooperatives. 9 pp., processed. [U. S. Farm credit administration, Cooperative research and service division. Washington, D. C., 1939] [Limited supply available for distribution]

Extracts from statement made to Fruit and Vegetable Conference, annual meeting of the American Farm Bureau Federation, Chicago, Ill., December 4, 1939.

Describes the services rendered by the Cooperative Research and Service Division to all groups of farmers' marketing and purchasing cooperatives, and outlines particular projects undertaken for the fruit and vegetable associations.

94. Stokdyk, E. A. Economic and legal aspects of compulsory proration in agricultural marketing. 44 pp. Calif. Agr. Expt. Sta. Bul. 565. Berkeley, Dec. 1933. (Paper 45, Giannini foundation of agricultural economics.)

The purpose of this study was to appraise the desirability and feasibility of compulsory proration programs as a means of increasing returns to the producers of some California agricultural commodities.

The study includes statements concerning voluntary proration programs for lemons, Valencia oranges, Tokay grapes, lettuce, cantaloupes, apples, and canning peaches.

95. Teague, C. C. California proration plans for fruits and vegetables. Amer. Inst. Coop. Amer. Coop., 1933: 357-365.
96. Twentieth century fund. Does distribution cost too much? A review of the costs involved in current marketing methods and a program for improvement. The factual findings by Paul W. Stewart and J. Frederic Dewhurst with the assistance of Louise Field. The Program by the Committee on distribution. 403 pp. New York, The Twentieth century fund, 1939.

Partial contents: Unprocessed food products, pp. 25-29; Price spreads of unprocessed food products in 1935, figure, p. 26; Distribution of consumer's dollar paid to chain stores for agricultural products in certain large cities, figure, p. 30; Price spread for canned fruit and vegetables, p. 34; Operating expenses of wholesale merchants and distributors in various kinds of business in 1935, figure, p. 187; Transportation costs, in percentages, table, p. 212; Average price spreads of unprocessed food products, 1935, table, p. 379; Distribution of consumer's dollar paid to chain stores for selected agricultural products sold in certain large cities, table, p. 380; Operating expenses of wholesale merchants and distributors in various kinds of business, 1935, table, p. 392.

97. U. S. Dept. of agriculture. Approximate or average weights of various commodities and other conversion factors. Separate from Agricultural Statistics, 1940. No. 40. pp. 5-8. Washington, D. C.

Pages reprinted from the introductory text to "Agricultural Statistics, 1940." They are published in this form for the convenient use of statisticians and other workers who have need of these figures. Copies can be obtained from the U. S. Bureau of Agricultural Economics free of charge.

These pages are included also in separate no. 43 entitled "Statistics of fruits, vegetables, and tree nuts."

Each of the major fruits, vegetables, and nuts is included.

98. U. S. Dept. of agriculture. [Marketing] orders. Washington, U. S. Govt. print. off.

The following list was compiled of marketing orders, pertaining to fruits, nuts, and vegetables, in effect on December 31, 1941, that had been issued by the Secretary of Agriculture in pursuance of marketing agreements. On that date all the orders were being administered by the Surplus Marketing Administration, some of them, however,

having been issued on the recommendation of the predecessor offices as shown. Copies of the orders may be obtained from the Hearing Clerk, Office of the Solicitor, U. S. Department of Agriculture, Washington, D. C.

Fruits - Citrus - California and Arizona.

Order regulating the handling of oranges and grapefruit grown in the States of California and Arizona. 16 pp. Agricultural adjustment administration, Order 2. Effective January 13, 1936. Code of Fed. Regs., title 7, ch. IX, pt. 902.

Fruits - Citrus - Florida.

Order regulating the handling of oranges, grapefruit, and tangerines grown in the State of Florida. 14 pp. Division of marketing and marketing agreements, O[rder] 33. Effective Feb. 22, 1939. Code of Fed. Regs., title 7, ch. IX, pt. 933.

Fruits - Citrus - Grapefruit - Arizona and California.

Order regulating the handling of grapefruit grown in the State of Arizona; in Imperial Valley, California; and in that part of Riverside County, California, situated south and east of the San Geronio Pass. 11 pp. Surplus marketing administration, Order 55. Effective May 26, 1941. Code of Fed. Regs., title 7, ch. IX, pt. 955.

Fruits - Citrus - Lemons - California and Arizona.

Order regulating the handling of lemons grown in the States of California and Arizona. 14 pp. Surplus marketing administration, O[rder] 53. Effective April 10, 1941. Code of Fed. Regs., title 7, ch. IX, pt. 953.

Fruits - Deciduous - California.

Order regulating the handling of fresh Bartlett pears, plums, and Elberta peaches grown in the State of California. 25 pp. Division of marketing and marketing agreements, O[rder] 36. Effective May 29, 1939. Code of Fed. Regs., title 7, ch. IX, pt. 936.

Amendment. 10 pp. Surplus marketing administration, O[rder] 36-1. Issued July 13, 1940 [to be effective July 17, 1940] Same code reference as in preceding paragraph.

Fruits - Grapes - Tokay.

Order regulating the handling of Tokay grapes grown in the State of Florida. 18 pp. Surplus marketing administration, Order 51. Effective Aug. 20, 1940. Code of Fed. Regs., title 7, ch. IX, pt. 951.

Fruits - Peaches - Colorado (Mesa Co.).

Order regulating the handling of peaches grown in the County of Mesa in the State of Colorado. 13 pp. Division of marketing and marketing agreements, O[rder] 40. Issued Aug. 11, 1939 [to be effective Aug. 15, 1939] Code of Fed. Regs., title 7, ch. IX, pt. 940.

Fruits - Peaches - Utah.

Order regulating the handling of peaches grown in the State of Utah. 13 pp. Surplus marketing administration, Order 50. Issued July 19, 1940 [to be effective July 24, 1940] Code of Fed. Regs., title 7, ch. IX, pt. 950.

Fruits - Pears - Beurree Hardy - California.

Order regulating the handling of Beurree Hardy pears grown in the State of California. 14 pp. Division of marketing and marketing agreements, O[rder] 38. Issued June 16, 1939 [to be effective June 20, 1939] Code of Fed. Regs., title 7, ch. IX, pt. 938.

Amendment. 6 pp. Surplus marketing administration, O[rder] 38-1. Effective Oct. 27, 1940. Same code reference as in preceding paragraph.

Fruits - Pears - Winter.

Order regulating the handling of the Beurree D'Anjou, Beurree Bosc, Winter Nelis, Doyenne du Comice, Beurree Easter, and Beurree Clairgeau varieties of pears grown in the States of Oregon, Washington, and California. 13 pp. Division of marketing and marketing agreements, Order 39. Issued Aug. 22, 1939 [to be effective Aug. 26, 1939] Code of Fed. Regs., title 7, ch. IX, pt. 939.

Fruits - Prunes, Fresh - Oregon and Washington.

Order ... regulating the handling ... of fresh prunes grown in Umatilla County in the State of Oregon and Walla Walla and Columbia Counties in the State of Washington. 15 pp. Agricultural adjustment administration, Order 26. Effective July 23, 1938. Code of Fed. Regs., title 7, ch. IX, pt. 926.

Nuts - Walnuts - California, Oregon, and Washington.

Order regulating the handling of walnuts grown in California, Oregon, and Washington. 20 pp. Agricultural adjustment administration. Order 1. Effective Oct. 15, 1935. Code of Fed. Regs., title 7, ch. IX, pt. 901.

Five amendments have been issued; no. 5 became effective Oct. 11, 1940. Same code references as in preceding paragraph.

Vegetables - Onions - Colorado.

Order regulating the handling of mature onions grown in the State of Colorado. 11 pp. Division of marketing and marketing agreements, O[rder] 43. Issued Dec. 5, 1939 [to be effective Dec. 10, 1939] Code of Fed. Regs., title 7, ch. IX, pt. 943.

Vegetables - Onions - Utah.

Order regulating the handling of onions grown in the State of Utah. 10 pp. Agricultural adjustment administration, Order 14. Effective Apr. 26, 1937. Code of Fed. Regs., title 7, ch. IX, pt. 914.

Vegetables - Peas and Cauliflower - Colorado.

Order regulating the handling of fresh peas and cauliflower grown in the Counties of Alamosa, Rio Grande, Conejos, Costilla, Custer, and Eagle, in the State of Colorado. 14 pp. Agricultural adjustment administration, Order 10. Effective Aug. 9, 1936. Code of Fed. Regs., title 7, ch. IX, pt. 910.

Vegetables - Potatoes - Colorado.

Order regulating the handling of Irish potatoes grown in the State of Colorado. 17 pp. Surplus marketing administration, Order 58. Effective Aug. 30, 1941. Code of Fed. Regs., title 7, ch. IX, pt. 958.

Vegetables - Potatoes - Idaho and Oregon.

Order regulating the handling of Irish potatoes grown in certain designated counties in Idaho and Malheur County, Oregon. 32 pp., typewritten. Surplus marketing administration, Order 57. Effective Sept. 5, 1941. Typewritten copy available in files of Hearing Clerk, Office of the Solicitor, U. S. Department of Agriculture, Washington, D. C., pending receipt of printed copies.

Vegetables - Tomatoes - Mississippi.

Order regulating the handling of tomatoes grown in the State of Mississippi. 11 pp. Division of marketing and marketing agreements, O[rder] 37. [To be effective June 5, 1939] Code of Fed. Regs., title 7, ch. IX, pt. 937.

99. U. S. Dept. of agriculture. Statistics of fruits, vegetables, and tree nuts. Separate from Agricultural Statistics, 1940. No. 43. pp. 175-300. Washington, D. C.
Includes statistics on production, shipments, prices, farm value, storage, quantities dried, quantities canned, international trade.
100. U. S. Dept. of agriculture, Agricultural adjustment administration. Marketing agreements for fruits and vegetables. 8 pp., illus. Marketing information series GCM-3. [Washington, D. C., U. S. Govt. print. off.] 1938.
A general statement of the marketing agreement program written for popular use.
101. U. S. Dept. of agriculture, Agricultural marketing service. Carlot shipments of fruits and vegetables by commodities, States and months (including boat shipments reduced to carlot equivalents) calendar year 1940. 28 pp., processed. Washington, D. C., May 1941.
102. U. S. Dept. of agriculture, Agricultural marketing service. Directory of market news, broadcasts, 1941. 93 pp., processed. [Washington, D. C., 1940]
The directory is based on information received from radio stations between January 15 and March 1, 1941. Questionnaires were sent to 858 stations.
"This directory is designed to provide a guide to farmers, agricultural workers and others as to where, when, and what agricultural market information is available by radio." Page 1.
103. U. S. Dept. of agricultural marketing service. Farm production, farm disposition, and value of certain fruit and nut crops 1937-39. Peaches - pears - grapes - cherries - plums - prunes - pecans - cranberries and miscellaneous fruits and nuts, by States. 20 pp., processed. Washington, D. C., May 1940.
104. U. S. Dept. of agriculture, Agricultural marketing service. Information on carloadings, containers, varieties, and grades of fruits and vegetables (from shipping-point carlot inspection certificates, for specified periods, 1936-39). 47 pp., processed. Washington, D. C., Oct. 1940.
"The portion of this report relating to car loadings differs from the 'Table of Number of Packages per Carload' issued in February 1937, in that it shows the indicated average quantities loaded per car in terms of standard units for States and commodities covered by the certificates, whereas the Table of Number of Packages per Carload shows a range in the number of packages and

the usual number loaded for all States and commodities." Foreword.

105. U. S. Dept. of agriculture, Agricultural marketing service. Market summaries.

The Agricultural Marketing Service issues processed summaries each year on the marketing of a specified fruit or vegetable in a certain State or locality during the season just ended. These can be found readily by consulting the annual index to Agricultural Economics Literature, issued by the U. S. Bureau of Agricultural Economics. Only a few of these summaries for some of the larger crops appear in this bibliography.

106. U. S. Dept. of agriculture, Agricultural marketing service. Motor truck receipts of fresh fruits and vegetables at San Francisco by commodities and by counties of origin, 1940. 26 pp., processed. San Francisco, Calif., Feb. 1941.

In cooperation with California Department of Agriculture, Bureau of Market News.

Total annual receipts are given for the years 1940-1939-1938-1937 and 1936.

107. U. S. Dept. of agriculture, Agricultural marketing service. Reports issued by Agricultural marketing service; scheduled for release - 1941. 56 pp., processed. Washington, D. C., Mar. 1941.

Fruit and vegetable market reports, pp. 30-38; Peanut market reports, p. 39.

108. U. S. Dept. of agriculture, Agricultural marketing service. Truck receipts of fresh fruits and vegetables at 13 important markets for calendar years 1939 and 1938 stated in car-lot equivalents by months for 1939 and total for 1939 and 1938. 79 pp., processed. Washington, D. C., July 1940.

The markets are Atlanta, Boston, Chicago, Kansas City, Los Angeles, Milwaukee, New Orleans, New York, Philadelphia, Pittsburgh, St. Louis, San Francisco, and Washington.

109. U. S. Dept. of agriculture, Agricultural marketing service. Wholesale market prices at Los Angeles, fruits and vegetables, 1940, by A. E. Prugh and R. N. Pearce. 14 pp., processed. Los Angeles, Calif. [1941]

In cooperation with California Department of Agriculture, Market News Service.

"In compiling this weekly price summary, the daily market reports of the Federal-State Market News Service ... have been used. The quotations cover wholesale

prices charged by original carlot and trucklot receivers on the Seventh, Ninth and Eighth Street Markets." Preface.

See item no. 117 for a six-year summary, 1932-1937.

110. U. S. Dept. of agriculture, Agricultural marketing service. Wholesale market prices at San Francisco for certain fruits and vegetables, 1940, by A. M. McDowell and W. L. Jackson. 13 pp., processed. San Francisco, April 1941.

In cooperation with California Department of Agriculture, Bureau of Market News.

"The material used in this summary was taken each Wednesday from the daily reports issued by the San Francisco office of the Federal-State Market News Service and represents sales on the wholesale produce market in less than carload lots." Introduction.

111. U. S. Dept. of agriculture, Agricultural marketing service. Wholesale prices of fruits and vegetables at New York City, Chicago, and leading shipping points, by months, 1940. 48 pp., processed. Washington, D. C., Mar. 1941.

"Prices of fresh fruits and vegetables given in this report are unweighted averages of daily wholesale prices tabulated from the market news reports of the Agricultural Marketing Service." Foreword.

112. U. S. Dept. of agriculture, Bureau of agricultural economics. Agricultural outlook charts, 1941: fruits and vegetables. 43 pp., processed. Washington, D. C., Oct. 1940.

In cooperation with U. S. Agricultural Marketing Service.

This issue includes data on potatoes and truck crops which were the subject of a separate publication in preceding years.

Data on tree nuts are included.

Many of the statistical series begin in 1909 or in 1919.

Discontinued with this issue.

The September 1941 number of "The Fruit Situation" is a 1942 outlook issue with charts containing data on fruits.

113. U. S. Dept. of agriculture, Bureau of agricultural economics. Consumption of agricultural products. 39 pp., processed. Washington, D. C., Mar. 1941.

The 20-year period from 1909 to 1939 is covered.

Tables showing per capita consumption of fresh apples and citrus fruits; all fresh fruits; canned fruits; dried fruits; fruit juices; potatoes, sweetpotatoes, and other fresh vegetables; canned tomatoes,

canned corn, canned peas; total canned vegetables; dry edible beans; pp. 11-13. Charts, pp. 29-33.

Total consumption figures for the commodities listed in preceding paragraph, pp. 18-21.

114. U. S. Dept. of agriculture, Bureau of agricultural economics. The demand and price situation. Processed, issued monthly.

"Reviews the factors affecting the domestic and foreign demand for farm products, and general trends in the prices of farm products, wholesale prices of other products, and farm income. It also contains summaries of the price situation and outlook for major farm products. This publication provides more detailed and technical analyses than 'The Agricultural Situation.'" From "Reports issued by Agricultural Marketing Service, March 1941," p. 54.

Includes data on fruits and vegetables.

115. U. S. Dept. of agriculture, Bureau of agricultural economics. Factors for use in fruit and vegetable offices in cities east of the Rocky Mountains for converting truck, boat, and L.C.L. receipts of fruits and vegetables to carlots (effective beginning January 1, 1937). 7 pp., mimeographed. [Washington, D. C., Apr. 22, 1937]

"The conversion factors in this table are such that the carlot of any commodity is approximately the same quantity regardless of the container in which it is received." Page 1.

116. U. S. Dept. of agriculture, Bureau of agricultural economics. The national food situation; August 1941. 18 pp., processed. Washington, D. C., 1941.

Fruits, p. 7; Vegetables, pp. 7-8.

This series began in August 1940, and has been issued approximately every six months since that date.

117. U. S. Dept. of agriculture, Bureau of agricultural economics. Wholesale market prices at Los Angeles, fruits and vegetables, six year summary, 1932-1937, by A. E. Prugh and R. W. Pearce. 64 pp., processed. Los Angeles, Calif. [1939]

In cooperation with California Department of Agriculture, Market News Service.

Issued in small edition for official work and not for general distribution.

"Except where otherwise indicated, quotations represent wholesale prices on sales by original truckload or carlot receivers.

"... The quotations included in this summary are not intended to show the extreme price range, but rather the prevailing range for good merchantable stock."

Supplemented by annual cumulations, which are now (1941) being issued by the Agricultural Marketing Service.

118. U. S. Dept. of agriculture, Farm credit administration. News for farmer cooperatives, July 1941. [31] pp., illus. [Washington, D. C., U. S. Govt. print. off., 1941]

Fruits and vegetables, pp. 16-19. A summary of the marketing situation and outlook for fruit and vegetable cooperatives, including questions of defense adjustments.

119. U. S. Dept. of agriculture, Office of foreign agricultural relations. Foreign trade of the United States in agricultural products, compiled by Susie White, F. Helen Ellis, Henrietta M. Holm, Ruth A. Jones, Bertha Merdian, Cecille M. Protziman, and Abigail C. Sabin under the direction of Robert B. Schwenger. 34 pp., processed. Washington, June 1940.

Includes statistics on exports of the following commodities: Fresh fruits - grapefruit, lemons, oranges, apples, grapes, peaches, pears; Dried and evaporated fruits - apples, apricots, peaches, pears, prunes, raisins, fruits for salad; Canned fruits - apples and apple sauce, apricots, grapefruit, peaches, pears, pineapples, and fruits for salad; Vegetables - canned asparagus, dried beans, onions, potatoes.

120. U. S. Dept. of agriculture, Office of foreign agricultural relations. Trade between the United States and Canada in fresh fruits and vegetables and the effects of the trade agreements. 48 pp., processed. F.S.-86. Washington, D. C., June 1941.

The following agencies participated in the preparation of this report - Bureau of Agricultural Economics, Agricultural Marketing Service, Extension Service, and Surplus Marketing Administration.

Partial contents: The value and quantity of the trade; Estimate of United States export value by States of origin; Concessions exchanged in the trade agreements; Effect of agreements on the trade.

121. U. S. Dept. of agriculture, Office of foreign agricultural relations. United States foreign trade in agricultural products, 1940-41. U. S. Dept. Agr. Off. Foreign Agr. Relations. Foreign Crops and Markets 43(13, Sup.): 362-406, processed. Sept. 30, 1941.

This is a supplement to the issue of September 29, 1941.

The tables include the following data: Exports of "Fruits and fruit preparations" - value, 1928-29 to 1940-41, p. 372; Exports of fresh apples, oranges, and pears - quantity, 1928-29 to 1940-41, p. 372; Exports of prunes, dried raisins, and canned fruits - quantity, 1928-29 to 1940-41, p. 373; Exports of "Fruits" - quantity indexes, 1940-41, with comparisons, p. 387; Exports of fresh apples, pears, oranges, raisins, dried prunes - monthly average, 1932-33 to 1940-41, and monthly January 1939 to June 1941, p. 391; Exports of fresh fruits: apples in baskets, apples in boxes, apples in barrels, grapefruit, lemons and limes, oranges, grapes, pears - quantities and values, 1939-40 and 1940-41, p. 395; Exports of dried fruits: apples, apricots, prunes, raisins - quantities and values, 1939-40 and 1940-41, p. 395; Exports of canned fruits: apples and apple sauce, apricots, fruits for salad, grapefruit, peaches, pears, pineapples - quantities and values, 1939-40 and 1940-41, p. 395; Exports of nuts: pecans, walnuts - quantities and values, 1939-40 and 1940-41, p. 395; Exports of vegetables: green beans (including snap beans), dried beans, onions, green peas, dried peas, peppers, white potatoes, fresh tomatoes, canned vegetables - quantities and values, p. 397; Exports of fresh fruits: apples, pears, oranges, grapefruit - quantities, January-June and June, 1940 and 1941, p. 403; Exports of dried fruits: apples, apricots, prunes, raisins - quantities, January-June and June, 1940 and 1941, p. 403; Exports of canned pears - quantities, January-June and June, 1940 and 1941, p. 403.

122. U. S. Dept. of commerce, Bureau of foreign and domestic commerce. Foreign commerce and navigation of the United States for the calendar year 1939, compiled by the Division of foreign trade statistics. 820 pp. Washington, U. S. Govt. print. off., 1940.

The tables include the following data: Exports of fresh apples, dried and evaporated fruits, canned fruits, vegetables, and preparations - average figures for the periods 1921-25, 1926-30, 1931-35, and annual figures for 1936, 1937, 1938, 1939 for values and for the fruit and nut items for quantities also, p. XXIII; Exports of dried and fresh vegetables, fresh fruits, and nuts, values for 1938 and 1939, p. XXVII; Exports in 1939 to particular countries of "Total vegetables and preparations," value, pp. 379-380; and of fresh fruits (values), of dried and evaporated fruits, and canned fruits - both quantities and values, pp. 379-380; Exports in 1939 to particular countries of dried beans, dried peas, and the following fresh vegetables: beans, onions, green peas, peppers, white potatoes, tomatoes, and "other fresh

vegetables" - pp. 412-413; Exports in 1939 to particular countries of the following canned vegetables: asparagus, baked beans and pork and beans, corn, peas, soups, tomatoes, tomato paste and purée, tomato juice, and "other canned vegetables and juices" - quantities and values, pp. 413-415; Exports in 1939 to particular countries of the following fresh fruits: grapefruit, lemons, oranges, pineapples, cherries, apples in baskets, apples in boxes, apples in barrels, berries, watermelons, other melons, grapes, pears, peaches, prunes and plums, apricots, and "other fresh fruits" - quantities and values, pp. 416-418; Exports in 1939 to particular countries of the following dried and evaporated fruits: dried fruits for salad, pears, raisins, apples, apricots, peaches, prunes, apple waste, "other dried and evaporated fruits" - quantities and values, pp. 418-419; Exports in 1939 to particular countries of the following canned fruits: grapefruit, loganberries, other canned berries, apples and apple sauce, apricots, cherries, prunes, peaches, pears, pineapples, fruits for salad, "other canned fruits" - quantities and values, pp. 419-422; Export in 1939 to particular countries of peanuts, pecans, walnuts, and "other nuts" - quantities and values, pp. 422-423; Exports in 1939 to particular countries of the following fruit juices: pineapple, grapefruit, orange, and "other" - quantities and values, pp. 427-428.

123. U. S. Dept. of commerce, Bureau of foreign and domestic commerce. Survey of business research projects at universities; a compilation of studies in business and economic research in process or recently completed in schools of business and departments of economics of universities and colleges throughout the Nation. 185 pp., processed. [Washington, D. C.] Dec. 8, 1940. Marketing, pp. 85-98.

124. U. S. Dept. of commerce, Bureau of the census. Monthly summary of foreign commerce of the United States, compiled by the Division of foreign trade statistics. Washington, U. S. Govt. print. off., 1941.

The September 1941 issue includes on pages 7 and 8 figures for quantities and values of the following domestic exports during that month and for the nine months ending September 1941:

Dried beans and dried peas.

Fresh vegetables: beans, onions, green peas, peppers, white potatoes, tomatoes, other fresh vegetables.

Canned vegetables: asparagus, baked beans and pork and beans, corn, peas, soups, tomatoes, tomato paste and puree, tomato juice, other canned vegetables and juices.

Subtropical fruits: grapefruit, lemons and limes, oranges, pineapples.

Other fresh fruits: cherries, apples in baskets, apples in boxes, apples in barrels, berries, watermelons, other melons, grapes, pears, peaches, prunes and plums, apricots, other fresh fruits.

Dried and evaporated fruits: dried fruits for salad, pears, raisins, apples, apricots, peaches, prunes, apple waste (except pomace), other.

Canned fruits: grapes, grapefruit, loganberries, other canned berries, apples and apple sauce, apricots, cherries, prunes and plums, peaches, pears, pineapples, fruits for salad, other canned fruits.

Nuts: apricot and peach pits and kernels, peanuts, shelled and not-shelled pecans, shelled and not-shelled walnuts, other nuts.

United States exports of foreign merchandise of some fruit, vegetable, and nut commodities are shown on page 31.

125. U. S. Federal trade commission. [Interim report on fruits and vegetables, agricultural income inquiry] 16 pp. Feb. 1, 1937. 75th Cong., 1st Sess., S. Doc. 17. Washington, U. S. Govt. print. off.
"Conclusions and recommendations," pp. 4-11.

126. U. S. Federal trade commission. Report on agricultural income inquiry. In 3 parts. Washington, U. S. Govt. print. off., 1938.

Part I. Principal farm products. XXXVIII, 1,134 pp. Submitted to Congress Mar. 2, 1937.

Partial contents: Recommendations with special reference to potatoes, pp. 47-48; Production and marketing of potatoes, pp. 553-664.

Part II. Fruits, vegetables, and grapes. XLIV, 906 pp. Submitted to Congress June 10, 1937.

It is stated on page 1 that in the study of the distribution of fresh fruits and vegetables, the products selected were grapes, oranges, grapefruit, apples, peaches, white potatoes, lettuce, onions, cabbage, and tomatoes.

The nature, scope, and effects of cooperative agencies handling fresh fruits and vegetables are discussed on pages 635-772.

Part III. Supplementary report. VIII, 154 pp.
Submitted to Congress Nov. 8, 1937.

Partial contents: Comparisons of returns to growers by cooperatives with returns to growers marketing through private agencies, pp. 9-10; Wholesale prices and proceeds to growers for fresh fruits and vegetables, pp. 53-139; Control of distribution of principal farm products and of fruits and vegetables, pp. 141-152.

127. Wakefield, Roberta P. Foreign import duties and regulations on fresh fruits and vegetables. 130 pp. U. S. Dept. of commerce, Bureau of foreign and domestic commerce, Trade promotion series no. 206. Washington, U. S. Govt. print. off., 1940.

"This information is perishable - How to keep it up to date. The customs and other regulations of countries governing the admission and sale of foreign goods are likely to be altered at almost any time, hence the information presented in this handbook can be relied on for guidance only if there is assurance that no change has taken place since going to print on March 1, 1940. Such assurance can be had in two ways - by making direct inquiry of the Division of Foreign Tariffs or of the nearest district office of the Bureau of Foreign and Domestic Commerce, or by following regularly the section on 'Tariffs and trade regulations' in Commerce Reports, where changes in foreign tariffs and conditions of admission are announced week by week." Page II.

This book is the result of an effort to bring together in brief form, the essential facts regarding the import duties and restrictions, customs regulations (documents and markings necessary), and sanitary or quarantine requirements relating to fresh fruits, nuts, and fresh and dry vegetables, that have been put into effect by many foreign countries. It is designed for the guidance of the American exporter in preparing his shipments to those areas, so as to minimize uncertainty at this end, and to avoid extra expense and trouble to the customer at the foreign destination. Foreword.

128. Wheeler, L. A. Fruits and vegetables in the program of reciprocal trade agreements. 8 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. [Washington, D. C., 1936]

Address, Annual Business Meeting of the American Fruit and Vegetable Shippers Association, Chicago, Illinois, January 15, 1936.

129. Witherow, Grace A. Summary of foreign trade of the United States, calendar year 1939. 77 pp. U. S. Dept. of

commerce, Bureau of foreign and domestic commerce, Trade promotion series no. 215. Washington, U. S. Govt. print. off., 1940.

Some of the tables include data on fruits, vegetables, and nuts.

130. Waller, A. G. F.O.B. auctions and country concentration points. Amer. Inst. Coop. Amer. Coop., 1932: 389-409.
Deals primarily with experiences of fruit and vegetable growers of New Jersey.
131. Waugh, Frederick V. Urgent needs for research in marketing fruits and vegetables. With discussion by W. C. Hopper. Jour. Farm Econ. 18(2): 405-420. May 1936.
Paper read at annual meeting of the American Farm Economic Association, at New York, December 27, 1935.
132. Wellman, H. R. Controlled marketing with special reference to California fruits and vegetables. 10 pp., processed. Berkeley, California Agricultural experiment station [1938] [Giannini foundation of agricultural economics]
Address delivered at the Twentieth annual meeting of the California Farm Bureau Federation, Sacramento, November 16, 1938.
133. Wellman, H. R. Marketing agreements for vegetables and fruits other than citrus fruits. Jour. Farm Econ. 17(2): 349-356. May 1935.
Paper read at annual meeting of the American Farm Economic Association, Chicago, December 28, 1934.
134. West Virginia. Dept. of agriculture. Marketing of West Virginia fruits and vegetables. 171 pp. West Va. Dept. Agr. [unnumbered] Bul. Charleston [1935?]
Federal grades were officially adopted for all West Virginia fruits and vegetables.
135. White, Henry F. Cooperative marketing of farm products in the United States. 176 pp. Siloam Springs, Ark., The John Brown university press, 1937.
Bibliography: p. [161]-167.
See entries in index under fruits, vegetables, and particular fruit and vegetable commodities.
136. Wilcox, F. R. Production control and shipment prorations as they affect cooperative marketing. Amer. Inst. Coop. Amer. Coop., 1935: 384-396.
Discusses the marketing of some of California's fruit and vegetable crops, including special crops such as olives, dates, artichokes, and Gravenstein apples.

Canned and Dried Commodities

137. Birgfeld, Clarence E. Canned and dried foods; United States export trade in 1938. 30 pp., processed. U. S. Dept. of commerce, Bureau of foreign and domestic commerce. [Washington, D. C., Feb. 1938]

Includes canned fruits, canned vegetables, and dried fruit.

138. Birgfeld, Clarence E. Fruit canners of the world. 29 pp. U. S. Dept. of commerce, Bureau of foreign and domestic commerce, Trade promotion series no. 202. Washington, U. S. Govt. print. off., 1939.

United States: Marketing, pp. 7-9; Table showing Exports of fruit juices from the United States, Jan.-Mar. 1939, p. 8; Table showing Exports of canned fruits from the United States, 1935, 1936, 1937, 1938, p. 9.

139. De Loach, Daniel B., and Peters, Charles W. Some economic considerations of marketing Oregon fruits and vegetables through co-operative canning associations. 77 pp. Oreg. Agr. Expt. Sta. Bul. 377. Corvallis, Oct. 1940.

In cooperation with U. S. Department of Agriculture, Farm Credit Administration.

"This report is based on a study of the organization and financial structure of nine fruit and vegetable canning associations which obtain all or a substantial supply of their products for canning from Oregon growers. Seven of these associations are located in Oregon, one in Idaho, and one in Washington. The two associations located across the Oregon boundary were included in the study because they are so closely related to the activities of the Oregon cooperative associations..." Introduction.

140. Fogelberg, Neptune, and Leith, W. Gordon. Cooperative canning of fruits and vegetables. 78 pp., illus. U. S. Dept. of agriculture, Farm credit administration, Cooperative research and service division, Bul. 47. Washington, D. C., June 1941. [In press]

Includes grading, labeling, marketing contracts, paying for the raw product, sales expense, and returns to growers.

This is a companion study to the one entitled "Sales and distribution policies of cooperative canneries in the United States," by Harry C. Hensley.

Bulletin 47 will supersede the following title: McKay, A. W., and Fogelberg, Neptune. Experiences in the cooperative canning of fruits and vegetables. 24 pp., processed. U. S. Dept. of agriculture, Farm credit

administration, Cooperative research and service division, Special Rpt. 75. Washington, D. C., Jan. 1941. [Not available for distribution]

141. Hensley, Harry C. Sales and distribution policies of cooperative canneries in the United States. U. S. Dept. of agriculture, Farm credit administration, Cooperative research and service division, Bul. 48. [Washington, D. C., U. S. Govt. print. off.] June 1941. [In press]

The information upon which this study is based was obtained from the sales records of 37 cooperative canneries during the 1939-40 marketing season. They constituted approximately 30 percent of all the cooperative canneries operating in the United States at the time the records were taken, and are considered representative associations.

This bulletin is a companion study to the one entitled "Cooperative canning of fruits and vegetables," by Neptune Fogelberg and W. Gordon Leith.

Bulletin 48 will supersede the following three preliminary reports by Harry C. Hensley, which were issued by the Cooperative Research and Service Division, Farm Credit Administration, U. S. Department of Agriculture, Washington, D. C.:

1. The market for Ozark canned tomatoes. 34 pp., processed. Special Rpt. 68. Oct. 1940. [Not available for distribution]

2. Distribution of canned foods by cooperative canneries in the United States. 49 pp., processed. Misc. Rpt. 33. Jan. 1941. [Limited supply available for distribution]

3. Sales policies of cooperative canneries in the United States. 36 pp., processed. Misc. Rpt. 37. Aug. 1941. [Limited supply available for distribution]

142. Williams, Paul M. Advantages of an adequate coding plan for canned fruits and vegetables. 6 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. [Washington, D. C., 1938]

Address, Canners' Short Course, Oregon Agricultural College, Corvallis, Oregon, February 9, 1938.

Stresses importance of adequate identification of all lots packed.

FRUITS

General

143. California Fruit News 104(2767): 1-11. July 19, 1941. This annual statistical number, devoted to the statistical

data of California fruits and associated products - brings "the record forward through the production of 1940."

Products for which statistics are presented include prunes, dried apricots and peaches, dried figs, raisins, currants, almonds, walnuts, oranges, lemons, olives, dried apples, canned fruits and vegetables, beans, canned packs by sizes, carry-over and sales of canned fruits, fruits-for-salad pack in California, fruit cocktail pack in California, and canned fruit and vegetable packs of Oregon and Washington.

144. Gardner, Kelsey B. How farmers' cooperatives use terminal fruit auctions. 8 pp., illus. [U. S. Dept. of agriculture, Farm credit administration, Leaflet 9. Washington, D. C., U. S. Govt. print. off., June 1940]

Condensed from Bulletin 29, "Terminal fruit auctions as marketing agencies for farmers' cooperatives."

One of the series designed for classroom use.

145. Gardner, Kelsey B. Joint use of a sales organization by two cooperative associations. 32 pp. U. S. Dept. Agr. Cir. 10. [Washington, D. C., U. S. Govt. print. off.] Nov. 1927. [Out of print]

"The joint use of a sales organization by two or more associations, whenever feasible, should result in a more effective utilization of the sales organization throughout the year, sales advantages accruing to both the associations, and a reduction in the cost of maintenance to each of the associations below the cost of separate sales connections rendering comparable service.

"It is the purpose of this circular to set forth:

(1) The general plan of an agreement by which the sales organization of the California Fruit Growers Exchange functions as the distributing agency for the fruit of the California Fruit Exchange under relations which are neither those of principal and agent nor those of complete joint control and responsibility, and (2) the results of a study of the present operation of this arrangement made to determine whether the sales arrangement has resulted in a more effective utilization of the sales organization, sales advantages to the associations, and savings to the associations in the cost of maintaining sales organizations." Page 2.

A sales arrangement between these two cooperatives has been in effect approximately 40 years.

146. Gardner, Kelsey B. Terminal fruit auctions as marketing agencies for farmers' cooperatives. 90 pp. Farm credit administration, Division of research, Bul. 29. Washington, D. C. [U. S. Govt. print. off.] 1938.

It is the general purpose of this study to subject the auction method of selling to a detailed analysis, but not to describe auction operations, services, and functions in detail. Page 2.

The objectives of the study are outlined on pages 2 and 3:

1. To examine the relationship existing between auction and private-sale prices for the same commodity.

2. To determine the extent to which sales through terminal auctions meet the requirements of the trade in certain markets.

3. To analyze the operations of representative auction companies with particular reference to the classes of purchasers buying at auction, the relative importance of each class, the number of commodities purchased by individual buyers, frequency of purchase, auction company ownership, relative importance of receivers, and the attitude of the buying trade toward the auction method of sale.

4. To give consideration to factors bearing on the question of whether large-scale purchasers can be adequately served by present auction sales methods.

147. Hoos, Sidney. An investigation on complementarity relations between fresh fruits. Jour. Farm Econ. 23(2): 421-433. May 1941.

Discusses the statistical determination of demand functions, presenting some results of an empirical investigation of complementarity relations of pears to plums, peaches, and oranges. The factor of competition between fruits in connection with the formulation of marketing agreements also is considered.

148. Hukari, Arvo. International trade promotion of tree fruits. Amer. Inst. Coop. Amer. Coop., 1938: 450-451.

149. Katz, Samuel I. Statistical report of the United States deciduous fruit export season, 1939-40. 51 pp., processed. U. S. Dept. of agriculture, Office of foreign agricultural relations, F.S.A. 454. Washington, D. C., Jan. 1941.

Statistics are given for apples, pears, grapes, and prunes. The appendix contains a tabulation of wartime control measures, 1939-40 season, on deciduous fruit and fruit products that were received by the Office of Foreign Agricultural Relations, which considers these measures indicative of the types of control and relief measures which have been instituted since the outbreak of war.

150. Katz, Samuel I. This changing agricultural world. II. Fresh fruit. U. S. Bur. Agr. Econ. Agr. Situation 24(6): 9-12. June 1940.
"This article 'discusses some of the principal developments in world production, consumption, and trade in fresh fruits during the last 20 years in an effort to see how these and current happenings may affect our export markets in coming years.'" A. E. Lit.
151. Kraemer, Erich, and Erdman, H. E. History of cooperation in the marketing of California fresh deciduous fruits. 121 pp. Calif. Agr. Expt. Sta. Bul. 557. Berkeley, Sept. 1933. (Paper 40, Giannini foundation of agr. econ.)
Partial contents: Beginnings of collective action; Local and regional cooperative developments; Recent plans of combining growers' and dealers' interests.
152. Miller, Admer D. * Services the fruit auctions offer cooperatives. Amer. Inst. Coop. Amer. Coop., 1932: 372-383.
153. Motz, F. A. Problems involved in the international fruit trade of the United States and Canada. 13 pp., processed. U. S. Dept. of agriculture, Office of foreign agricultural relations. Washington, D. C., 1941.
Address before the Ontario Fruit Growers' Association and American Pomological Society at their joint meeting, Hamilton, Ontario, January 17, 1941.
154. Oregon. State agricultural investigating committee. Marketing Oregon fruits; a review of economic conditions including trade practices, with recommendations and suggestions for legislation. A report submitted to the Honorable Charles H. Martin, governor of Oregon. 30 pp., processed. Salem, Oreg., State agricultural investigating committee, Jan. 1937.
The investigation was limited to major problems relating to marketing of fruits that are canned, dried, or otherwise processed. A study of the rehabilitation of the dried prune industry was included. No consideration was given to fruits shipped to market in the fresh state.
155. Pacific northwest chemurgic conference. [Proceedings]
Pacific northwest chemurgic conference with Washington State planning council, Spokane, Washington, March 22-23, 1937... Published by Ernest N. Hutchinson, secretary of state. 134 pp. [Olympia?] Aug. 1937.
Partial contents: Fruit surplus utilization, by Ira D. Cardiff; By-products from apples and other fruits, by H. H. Mottern; Surplus fruit utilization, by Ernest H. Wiegand.

156. Rasmussen, Marius P., Quitslund, Ford A., and Cake, Edwin W. Retail outlets for fruit in New York City. 122 pp., illus. U. S. Dept. of agriculture, Farm credit administration, Cooperative research and service division, Bul. 52. Washington. D. C. [U. S. Govt. print. off.] June 1941. [In press]
- In cooperation with the New York State College of Agriculture.
- A study of the merchandising of apples and other fruits through retail channels in New York City was started during the summer of 1938. The information obtained during 1938 covered retailing of certain selected fruits during the 1937-38 season. Data were obtained on sales of fruit during August 1939 representing sales during the summer months; during November 1939 for sales immediately following the apple-harvest season; and during March 1940 representing sales during the storage season.
- This bulletin will supersede the following four preliminary reports, which were issued by the Cooperative Research and Service Division, Farm Credit Administration, U. S. Department of Agriculture, Washington, D. C.:
1. Rasmussen, Marius P., and Quitslund, Ford A. Some facts concerning competition between apples and other fruits at retail, New York City. 66 pp., processed. Misc. Rpt. 19. Aug. 1939. [Not available for distribution]
 2. Rasmussen, Marius P., Quitslund, Ford A., and Cake, Edwin W. Some facts concerning competition between apples and other fruits at retail, New York City, August 1939. 76 pp., processed. Misc. Rpt. 25. Sept. 1940. [Limited supply available for distribution]
 3. Rasmussen, Marius P., Quitslund, Ford A., and Cake, Edwin W. Competition between fruits at retail, New York City, November 1939. 91 pp., processed. Misc. Rpt. 30. Dec. 1940. [Not available for distribution]
 4. Rasmussen, Marius P., Quitslund, Ford A., and Cake, Edwin W. Sales of fruits at retail, New York City, March 1940. 86 pp., processed. Misc. Rpt. 32. Mar. 1941. [Limited supply available for distribution]
157. Schwonger, Robert B. New quantity indexes of the foreign trade of the United States in agricultural products (a preliminary presentation). Index numbers compiled by Caroline G. Gries, Flora E. Miles, Genevieve K. Barstow, Cornelia E. Parrish, and Annie T. Turner. 61 pp., processed. U. S. Dept. of agriculture, Office of foreign agricultural relations, F.S.-85. Washington, D. C., 1941.

Exports of fruits are included in the quantity index of exports. The calendar years 1915 to 1940 are covered.

158. Shear, S. W. Deciduous fruit statistics as of January, 1941. 104 pp., processed. Calif. Agr. Expt. Sta. Giannini Found. Agr. Econ. Mimeogr. Rpt. 76. Berkeley [1941]

"This is the third compendium of selected Deciduous Fruit Statistics published as a special mimeographed report by the Giannini Foundation. The data included have been selected as being the most generally useful of a much larger group of statistics that the compiler has found necessary to keep up to date in order quickly to help responsible groups in diagnosing some of the major economic problems of the deciduous fruit industries of the state." Page 1.

The tables relate mostly to ten fruits grown extensively in California, namely apples, apricots, cherries, dates, figs, grapes, peaches, pears, plums, and prunes. However, some data on all fruits, including citrus, are included in the comparative summaries. A section on dates is also included although they are not a deciduous fruit. The data given are mostly for the past fifteen or twenty crop years. Tables on exports are included.

159. Stokdyk, E. A. Marketing California's fruits cooperatively. 18 pp., processed. Pan American union, Division of agricultural cooperation, Series on cooperatives, no. 2. Washington, D. C., Aug. 1936.

Cooperatives market approximately 90 percent of the citrus fruits grown in California. This article describes briefly the objectives, experiences, organization, financing, and problems of these associations.

160. U. S. Dept. of agriculture, Agricultural marketing service. Interstate shipments of California deciduous tree fruits, season of 1939, by W. F. Cox, R. M. Bayer, and T. J. Fitzgerald. 87 pp., processed. San Francisco, Calif., Apr. 1940.

In cooperation with California Department of Agriculture, Bureau of Market News.

Presents a statistical summary of the interstate shipments of apples, apricots, cherries, figs, nectarines, peaches, pears, persimmons, plums, and pomegranates from California.

161. U. S. Dept. of agriculture, Bureau of agricultural economics. The fruit situation; 1942 outlook issue with charts. [30] pp., processed. [Washington, D. C.] Sept. 1941.

The Fruit Situation is a processed publication issued about the 21st of each month. It contains the latest

available information on demand, production, cold-storage holdings, marketings, prices, and the outlook for fruits.

Each year there is presented in a fall issue an outlook forecast for the following season.

162. U. S. Dept. of agriculture, Bureau of agricultural economics. Fruits, national goal for 1942. U. S. Bur. Agr. Econ. Agr. Situation 25(10): 23-24. Oct. 1941.
A summary of the fruit outlook is published annually in a fall issue of The Agricultural Situation.
163. U. S. Dept. of agriculture, Bureau of agricultural economics. Index numbers of United States agricultural exports, 1866-1935. In Foreign Crops and Markets 31(9): 259-275. Aug. 26, 1935.
Index numbers for "fruits" are included in the tabulations.
164. U. S. Dept. of commerce, Bureau of foreign and domestic commerce. Markets for fruit juices and fruit sirups in the United Kingdom. 15 pp. Trade information bulletin 743. Washington, U. S. Govt. print. off., 1931.
"This survey of the United Kingdom market for fruit juices and fruit sirups covers imports, production, consumption, market practices, publicity methods, consumers prejudices, and many other points of interest to the American exporter." Foreword.
165. Wallace, Henry A. The reopening of foreign markets for our agricultural products. Amer. Inst. Coop. Amer. Coop., 1934: 133-152.
"Fruit ... can be helped," p. 139.
166. Winter, J. D., Waite, W. C., and Alderman, W. H. Market outlets for Minnesota fruits. 36 pp., illus. Minn. Agr. Expt. Sta. Bul. 332. [University Farm, St. Paul] Jan. 1937.
"This publication presents a preliminary study of the marketing problems of Minnesota-grown fruits with special reference to the possible utilization of these fruits in commercial manufacture. During the last decade improved methods of packing and shipping perishable fruits from other regions have placed competing fruits on the local markets far in advance of the local crop season. ...it is increasingly important for local growers to endeavor to secure an adequate distribution for their crop, especially during the peak of production, if they are to receive a fair average price for the season.
"The possibilities of a greater utilization of Minnesota-grown fruits for commercial manufacture,

particularly during the peak of production, are of considerable importance." Introduction.

167. Wulfert, M. A. United States foreign trade in fresh fruits, 1939-40. [24] pp., processed. U. S. Dept. of commerce, Bureau of foreign and domestic commerce, Foodstuffs division. [Washington, D. C.] Sept. 1940.

In addition to detailed figures for the year ended June 30, 1940, summary figures of exports are given for the years 1937-38 and 1938-39.

Apples

168. Abrahamsen, Martin A., and Lanham, W. Keith. Apple-production costs and returns in the Eastern Panhandle of West Virginia. 30 pp., processed. West Va. Agr. Expt. Sta. Mimeogr. Cir. 35-A. Morgantown, 1939.

Marketing policy, pp. 25-27.

"This is the second annual preliminary report of a long-time orchard study which is being carried on jointly by the Agricultural Economics and the Horticulture Departments of the West Virginia Agricultural Experiment Station. It is the purpose of this report to: (1) furnish growers with data for a comparison of their orchards with those of other growers, and (2) provide growers with a summary and description of their individual operations.

"In this report data are available for both the 1936 and 1937 crop years. These data are particularly valuable in furnishing information as to the influences of various production and marketing practices on profitable orchard operations during years of relatively high and low yields." Pages 1-2.

169. Anonymous. A plan for the more effective marketing and distribution of the fruit from the Cumberland-Potomac-Shenandoah regions. [6] pp. Morgantown, West Va., Extension division, College of agriculture. [Feb. 4, 1927]

This is a report of the study of a marketing committee on conditions governing the distribution of apples. The committee reported to the Berkeley County Fruit Growers Association, Martinsburg, West Virginia.

170. Bach, N. A. The apple industry in New Jersey. 73 pp. N. J. Dept. Agr. Cir. 228. Trenton, June 1932.

Partial contents: Prices and purchasing power, pp. 31-37; Purchasing power of apples, pp. 37-41; Movement of apples to market, pp. 41-44; Local marketing, p. 45; Shipments of competing fruits, pp. 45-48; World trade and exports of apples from the United States, pp. 49-52.

171. Braun, Elmer W. Analysis of the principal factors affecting the price of fancy Gravenstein apples in Sonoma County, California, 1923-1930. 8 pp., processed. Berkeley, Calif., Agricultural college, Agricultural extension service, July 1931. (Contribution from Giannini foundation of agricultural economics.)

The factors discussed are (1) the quantity of Gravenstein apples shipped, (2) the competition in eastern markets of apples grown locally, and (3) the general price level.

172. Buchanan, Mark T. Washington apples on the New York and Chicago fruit auctions, 55 pp. Wash. Agr. Expt. Sta. Bul. 401. Pullman, June 1941.

"The purpose of this study is to analyze the volume and prices of Washington apples sold on the New York and Chicago fruit auctions in relation to variety, grade, size, and other characteristics. This publication presents a brief report concerning the apples shipped to these two auctions from the State of Washington during the 12 marketing seasons 1928-29 through 1939-40. Quantities and prices of the different varieties, grades, and sizes of apples, and the seasonal sale of the important varieties are examined, and comparisons made between the two auctions." Page 5.

173. Buchanan, Mark T., and Dummeier, E. F. The marketing of Washington apples in Los Angeles, California. Pt. I. Transportation and wholesale distribution. 51 pp., illus. Wash. Agr. Expt. Sta. Bul. 406. Pullman, Sept. 1941.

"The purpose of this survey was to gather information which when analyzed would be helpful in answering the following questions:

"1. What is the most economical and satisfactory means of transporting Washington apples to Los Angeles, California?

"2. What is the best method of selling Washington apples in Los Angeles?

"3. What is the most satisfactory type of package for the Los Angeles trade?

"4. How may the condition of apples at time of final sale be improved?

"5. In what other ways may the marketing of Washington apples in Los Angeles be improved?" Page 6.

174. Buchholz, Arthur Bernard. Handling apples for foreign trade. [5] pp. [Ithaca, N. Y., 1932]

Abstract of thesis (Ph.D.) - Cornell university, 1932.

175. Cockerill, P. W., and Callaway, R. P. Economics of the production and marketing of apples in New Mexico. 74 pp. N. Mex. Agr. Expt. Sta. Bul. 242. State College, June 1936.
Marketing of New Mexico apples, pp. 52-72.
176. Connecticut. Dept. of agriculture, Bureau of markets. Connecticut apple grading law and official grades. 8 pp. Conn. Dept. Agr. Bul. 73. [Hartford] Sept. 1941.
177. Corbett, Roger B., and Christopher, E. P. A study of apple containers. 14 pp. R. I. Agr. Expt. Sta. Bul. 227. Kingston, Jan. 1931.
"The increased production in New England of easily-bruised apples has brought the question of a suitable container forcibly to the front in recent years. The purpose of this study has been to show which of the commonly-used apple containers in southern New England was most desirable." Page 3.
178. DeGraff, Herrell F. Factors affecting the year-to-year changes in the farm price of western New York apples. 19 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 276. Ithaca, June 1939.
The farm price of apples in the Newfane-Olcott community of Niagara County, New York, "is available for each year since 1913, but certain other data with which it was desirable to make comparisons in explaining the year-to-year variations in the apple price are not available prior to 1919." Page 1.
179. Edwards, A. C. The apple export situation and the trade agreements program. 9 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. Washington, D. C. [1938]
Address, Apple Conference, Department of Agriculture, Washington, D. C., June 6-7, 1938.
Subjects stressed are (1) the relation of the export markets to the apple industry, (2) trade barriers and what is being done under the Trade Agreements Program to restore export outlets, (3) the longtime outlook for apple exports, and (4) the prospects for the coming export season.
180. Ekstrom, V. A. Marketing the 1937 crop of fall and winter apples in western Illinois. 59 pp., processed. Ill. Agr. Col. Dept. Agr. Econ. A.E. 899. Urbana, July 1938.
Partial contents: Sales outlets employed by growers; Apples sold in packages and in bulk for fresh consumption and cider; Grades and classifications; Activities of merchant-truckers; The low-grade and cull problem.

181. Ellison, Joseph Waldo. The beginnings of the apple industry in Oregon. Agr. Hist. 11(4): 322-343. Oct. 1937.
Contents: Origin and dissemination of the apple; Suitability of northwestern soil and climate; Early history in Oregon; Low ebb of fruit industry in eighties; Revival of the apple industry; Beginning of the apple export; Status, 1900-1910; The transportation problem.
182. Ellison, Joseph Waldo. The cooperative movement in the Oregon apple industry, 1910-1929. Agr. Hist. 13(2): 77-96. Apr. 1939.
183. Fenton, John M. Marketing apples - New Jersey and competing States. 57 pp. N. J. Dept. Agr. Cir. 275. Trenton, May 1937.
The purpose of this study is "to furnish the fruit growers of New Jersey with a source of statistical information on the various phases of the industry, which are important in the marketing of this leading crop. It is hoped that the study contains data of interest and value to both small and large fruit growers..." Page 5.
Partial contents: Geographical distribution of the apple industry - Exporting countries, importing countries; Movement of the apple crop to market; Prices of apples at the New York market.
184. Gabriel, Harry S. The marketing of Delaware early apples. 29 pp. Del. Agr. Expt. Sta. Bul. 185. Newark, June 1933.
This study is based on reports by farmers, inspection reports, and reports by hotels and restaurants, by chain stores, and by wholesalers.
185. Gabriel, Harry S. Retail marketing of apples by a chain store warehouse in Philadelphia. 43 pp. Del. Agr. Expt. Sta. Bul. 208. Newark, Mar. 1938.
The introduction includes the following statements: An attempt is made to ascertain the exact method of buying apples employed in a large chain store warehouse. This inquiry includes methods of selecting varieties as well as of selecting containers and grades. A study is made of all apples sold by the selected warehouse for a period of two years and eight months, from April 13, 1933, to December 7, 1935. Another study is made of twenty-five stores selected for the type of community in which they were located, five stores being chosen in each of the following localities: well-to-do, industrial, Negro, Jewish, and Italian. As a result of tabulations of daily sales and prices, not only the changes in price from month to month could be calculated, but as well the effect, if any, of holidays on sales. Page 5.

186. Gaston, H. P. Consumer demand for apples in Michigan. 50 pp. Mich. Agr. Expt. Sta. Spec. Bul. 209. East Lansing, Jan. 1931.
"... Opinions differ as to why Michigan apples do not flow more naturally and easily into Michigan markets. It would appear, however, that the Michigan apple, as now grown, packed, and marketed, does not meet the requirements of Michigan consumers. A thorough knowledge of consumer requirements and preferences is of obvious importance." Page 3.
187. Gaylord, F. C., and Cleaver, Harry M. The Indianapolis apple market, 1929-1930 apple crop. 24 pp. Ind. Agr. Expt. Sta. Bul. 352. Lafayette, Mar. 1931.
188. Hampson, Chester C. Apple prices received by Washington growers. 59 pp. Wash. Agr. Expt. Sta. Bul. 326. Pullman, Feb. 1936.
Apple prices were gathered in the Wenatchee-Okanogan and the Yakima districts of Washington. A 12-year price series for each crop year from 1922-23 through 1933-34 is given.
A continuation of the price series prepared by Mr. Hampson is provided for the years 1934 to 1937 in Mr. McCallister's report on apple prices, listed as item 198 in this bibliography.
189. Hampson, Chester C. Cost of shipping point marketing services for apples in Washington. 25 pp. Wash. Agr. Expt. Sta. Bul. 312. Pullman, May 1935.
Partial contents: Packing; Selling; Combinations of marketing costs - warehousing, storage, and selling; warehousing and selling; packing (including boxes), warehousing, and selling; all shipping point marketing services.
190. Hampson, Chester C. Trends in the apple industry. 108 pp. Wash. Agr. Expt. Sta. Bul. 277. Pullman, Feb. 1933.
"The purpose of this analysis is to determine the prospects in the apple industry, considering quantity of production, recent plantings and market possibilities, and particularly to estimate the future situation of apple growers of Washington." Page 12.
191. Harding, Paul L., Lutz, J. M., and Rose, Dean H. Influence of packing and handling methods on condition of apples barreled for export. 26 pp., illus. U. S. Dept. Agr. Tech. Bul. 559. Washington, D. C., Apr. 1937.
The results of tests with different kinds of apples are outlined - York Imperials, Rome Beauties, Jonathans, and Grimes Golden. These tests were made in 1931, 1932, 1933, and 1934.

192. Harper, F. A. Reasons for differences in the price of apples received by Ulster County growers, 1937 crop. 58 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 263. Ithaca, May 1939.
Partial contents: Times of sale during season;
Price related to four factors.
"The information contained in this report was obtained from apple growers in Ulster County, New York in the early summer of 1938." Page 6.
193. Hauck, Charles W. An experiment in packing Ohio apples. 9 pp., processed. Ohio State Univ. and Agr. Expt. Sta. Dept. of Rural Econ., Mimeogr. Pub. 68. Columbus, Dec. 1933.
"This study was undertaken in an effort to contribute information concerning certain types of containers in which apples are or may be packed, including their influence upon sales and returns to growers." Page 1.
194. Hayes, J. E. Financing a cooperative apple washing and packing unit. Amer. Inst. Coop. Amer. Coop., 1936: 491-493.
Develops the idea that the operations of washing and packing apples can be handled to the best advantage by a fruit marketing association that not only handles apples and other products, but acts as a buying organization for its members.
195. International apple association. United States apple and pear foreign trade situation; trade barriers and data. 69 pp., processed. Rochester, N. Y., International apple association [1933]
196. Johnston, Ross B., and Davis, H. B. Marketing of apples. 32 pp., illus. West Va. Dept. Agr. Bul. Charleston, n. d. [received in Farm credit administration library, July 1937]
Includes description of inspection service, and methods of grading and packing.
197. La Mont, T. E. Costs and returns in producing apples in the Newfane-Olcott area, Niagara County, New York, 1926 to 1928. 87 pp. N. Y. (Cornell) Agr. Expt. Sta. Bul. 565. Ithaca, June 1933.
Costs of harvesting and marketing apples, pp. 65-69.
198. McCallister, Kenneth J. Apple prices received by Washington and Oregon growers and percentage distribution of sales, by variety, grade, and size, 1924 to 1937. 46 pp., processed. U. S. Dept. of agriculture, Division of marketing and marketing agreements, General crops section. [Washington, D. C.] Mar. 1940.

"These data were collected to provide an accurate indication of the prices received by growers and the percentage distribution of packed apple sales by varieties, grades, and sizes during the four crop years 1934, 1935, 1936, and 1937 in the major apple-producing districts of Washington and Oregon. These years provide valuable comparisons of prices under varying conditions because of the small national crops in 1934 and 1936, and the large national crops in 1935 and 1937.

"The prices and percentage distribution of sales data by varieties and grades for the Yakima and Wenatchee Districts of Washington provide a continuation of the series prepared by Mr. Chester C. Hampson for the years 1922 through 1933 and published in the State College of Washington Bulletin No. 326, entitled 'Apple Prices Received by Washington Growers'. The Hood River District grade and size tables and the Yakima District size tables represent new series." Page 3.

See item 188 for Bulletin no. 326 of the State College of Washington.

199. McKay, A. W. Competition and changes in market outlets affecting Pacific Northwest apples. Amer. Inst. Coop. Amer. Coop., 1938: 436-443.
200. Mayes, Jewell, and Baker, Henry H. The Missouri apple labelling law and the Missouri-U. S. grades for apples. 11 pp. Mo. Dept. Agr. Bul. v. 37, no. 3. Jefferson City, July 1939.
201. Meal, W. G. The why and how of apple grades. 9 pp., processed. U. S. Dept. of agriculture, Agricultural marketing service. [Washington, D. C.] 1940.
Address, Massachusetts Fruit Growers' Association and American Pomological Society, Worcester, Mass., January 4, 1940.
Contents: Permissive Federal standards for apples; The Export Apple and Pear Act; State legislation pertaining to the standardization and grading of apples; Authority to establish standards for apples; Compulsory grading provisions; Marking of containers; Inspection of apples; Voluntary versus compulsory State standardization legislation.
202. Merchant, Clyde D. Some "believe-it-or-not's" of the apple industry. 65 pp., processed. Wenatchee, Wash. [1935?]
The author states that the purpose of making this study was to find the facts about the production, distribution, and consumption of apples.

203. Mumford, H. W., Jr., and Decker, S. W. An economic study of some problems of western Illinois apple growers. 85 pp., processed. [U. S.] Farm credit administration, Cooperative division, Misc. Rpt. 13. Washington, D. C., Apr. 1937. [Not available for distribution]
In cooperation with Illinois Agricultural Experiment Station.
Partial contents: Early attempts at cooperation, pp. 24-27; Marketing, pp. 28-65.
204. National apple institute. Sixth annual meeting, Rochester, N. Y., April 17 and 18, 1940, papers and proceedings; conference of National planning committee, minutes. 59 pp. Columbus, Ohio, National apple institute, n. d.
Partial contents: What's ahead for the apple industry, the economic outlook, by F. A. Harper, pp. 27-31; Marketing adjustments facing the apple industry, by Porter R. Taylor, pp. 40-50.
205. New York (Cornell) State college of agriculture, Dept. of agricultural economics and farm management. Apple marketing ... presented at Rutland, Vermont, April 6, 1939, to the Vermont Apple Growers' Conference. 18 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 271. Ithaca, 1939.
Part I. Retailing apples in New York City, season of 1937-38; a study being made by Dr. M. P. Rasmussen in cooperation with the Cooperative Division of the Farm Credit Administration.
Part II. The marketing of apples in the Champlain Valley, New York, 1933-37, prepared by G. P. Scoville.
206. Mold, Truman. Increasing demand for apples. 81 pp., processed. Wathena, Kans., Northeast Kansas apple association, c1933.
Bibliography, pp. 75-81.
"... This study is an analysis of the leading advertising ventures for fresh fruits and vegetables in the United States, made as an attempt to learn some of the ways farmers are meeting their sales problems." Page 1.
207. Pailthorp, R. R., and Park, J. W. Preparing apples for market in barrels and baskets. 34 pp., illus. U. S. Dept. Agr. Farmers' Bul. 1695. [Washington, D. C., U. S. Govt. print. off.] Jan. 1933.
"This bulletin supersedes Farmers' Bulletin no. 1080."
Partial contents: Grading and packing; Packing houses, including on pages 26-31 suggested floor plans; Loading in cars.

208. Park, J. W., and Pailthorp, R. E. Marketing apples. 82 pp., illus. U. S. Dept. Agr. Tech. Bul. 474. Washington, D. C. [U. S. Govt. print. off.] Apr. 1935.
Bibliography, p. 81.
Partial contents: Utilization of the crop; Harvesting and preparing for market; Packages; Grades and sizes; Federal-State inspection; Financing the crop; Methods of sale in producing districts; Methods and channels of city-market distribution; Market competition among varieties and competition of apples with other fruits; Description of city apple markets - Boston, New York, Philadelphia, Pittsburgh, Detroit, Chicago, Cincinnati, St. Louis, Kansas City, Minneapolis, Washington, D. C., Atlanta, New Orleans, Denver, Los Angeles, San Francisco; Foreign trade in apples; Prices.
209. Parsons, Merton S. Some economic phases of the marketing of Maine apples. Maine Agr. Expt. Sta. Bul. 359, pp. 105-164, 8 illus. 1. Orono, Nov. 1931.
Partial contents: Market preferences for apples, pp. 109-131; Cull apples and their economic significance, pp. 131-164.
210. Phillips, R. G. What's ahead [for the apple industry]: II. The export situation. In National apple institute, Sixth annual meeting, Rochester, N. Y., April 17 and 18, 1940, papers and proceedings, pp. 31-34.
211. Raeburn, John R. Joint correlation applied to the quality and price of McIntosh apples. 44 pp. N. Y. (Cornell) Agr. Expt. Sta. Memoir 220. Ithaca, Mar. 1939.
"Extensive use has been made of partial plane correlation methods in describing the complex relationships which frequently exist between interrelated variables. It is recognized, however, that in economics joint relationships are common, and, if the net importance of any one pair of jointly operating factors is to be studied, methods of partial joint (surface) correlation require to be developed.
"The study here reported is an attempt to develop such methods as applied to the complex joint relationships of measures of quality and price. A special study was made of the quality and price of McIntosh apples in New York City, and results obtained by the joint correlation method are presented." Page 3.
212. Rasmussen, Marius P., and Quitslund, Ford A. Cooperative possibilities in improving apple sales. 8 pp., illus. [U. S. Dept. of agriculture, Farm credit administration, Leaflet 8. Washington, D. C., U. S. Govt. print. off., June 1940]

217. Scoville, G. P. Producing and marketing apples in Sodus and Williamson, Wayne County, New York, for the crops of 1937 and 1939. 19 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 350. Ithaca, June 1941.
Based on reports from approximately 85 farmers.
218. Smith, J. A. International trade promotion as a means of extending markets. Amer. Inst. Coop. Amer. Coop., 1938: 452-458.
Deals with the need for export markets for the boxed apple and pear industry of the Pacific Coast.
219. Swinson, Carl R., Vernon, J. J., Lininger, F. F., Weaver, F. P., and Dadisman, A. J. Marketing apples grown in the Cumberland-Shenandoah region of Pennsylvania, Virginia, and West Virginia. 51 pp., illus. U. S. Dept. Agr. Tech. Bul. 234. Washington [U. S. Govt. print. off.] 1931.
In cooperation with the Virginia Agricultural and Mechanical College and Polytechnic Institute; College of Agriculture, West Virginia University; and School of Agriculture, Pennsylvania State College.
Partial contents: Market outlets, pp. 5-20.
220. Taylor, Porter R. Marketing adjustments facing the apple industry. 10 pp., processed. U. S. Dept. of agriculture, Division of marketing and marketing agreements. Washington, D. C., 1940.
Address before the Sixth Annual Meeting of the National Apple Institute, Rochester, New York, April 18, 1940.
221. Taylor, Porter R. Possible further methods of regulating market supplies. 9 pp., processed. [U. S. Dept. of agriculture, Agricultural adjustment administration, Marketing division, General crops section: Washington, D. C., 1938]
Talk at Apple Conference, Department of Agriculture, Washington, D. C., June 6, 1938.
222. Taylor, Porter R. Some current problems in marketing apples. In National apple institute, [Proceedings of] the fifth annual meeting, Martinsburg, W. Va., March 17 and 18, 1939, pp. 8-10.
223. U. S. Dept. of agriculture, Agricultural adjustment administration, Division of marketing and marketing agreements. The marketing problem of the apple industry. Prepared for conference of extension specialists representing commercial apple producing States. 20 pp., processed. General crops section. [Washington, D. C.] June 1938.
Exports of fresh apples, pp. 14-16.

224. Volkin, David, and Abrahamsen, Martin A. Packing-house operating costs in the Eastern Panhandle of West Virginia, 1938 crop year. 21 pp., processed. West Va. Agr. Expt. Sta. Mimeogr. Cir. 39. Morgantown, Sept. 1939.

"This report deals with the cost of operating apple-packing houses during the 1938 season in the Eastern Panhandle of West Virginia (Morgan, Hampshire, Berkeley, and Jefferson counties). Data were obtained from operators of 24 packing houses." Page 1.

The data cover one year only, and the authors consider the findings preliminary.

225. Whitacre, W. R. Packaging problems of eastern apple growers. 14 pp., illus. Pa. Agr. Expt. Sta. Bul. 409. State College, Apr. 1941.

"The selection of one or two sizes and types of boxes for the packing of Eastern apples would simplify the production problem of the container manufacturer and should also lower the growers' package cost. Standardization of containers would have a tendency to reduce grading and packing costs and would aid in the interpretation of market quotations. The great bulk of the apple crop in the Northwest moves to market in one size of container, and there do not appear to be any insurmountable reasons why eastern growers can not select a few sizes which will meet the needs of growers and of shippers of apples.

"The purpose of this study was to obtain data which would determine which packages were best adapted to Pennsylvania conditions." Page 1.

226. Williamson, P. S. Apple prices in relation to variety, method of sale, grade, size, and type of container. 19 pp., illus. N. Y. (Cornell) Agr. Ext. Serv. Bul. 304. Ithaca, June 1934.

Partial contents: Method of sale - Relative importance of different methods of sale, country buyers, consignments to New York, through storage, export; Type of container; McIntosh - Method of sale, grade, and size of apples, type of container used; Baldwin - Method of sale, grade, and size of apples.

227. Woodin, M. D. Changes in apple prices with special reference to varieties. 30 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 334. Ithaca, Feb. 1941.

"This report deals mainly with changes in variety preferences as indicated by changes in prices of varieties." Summary.

See also Item 565 - U. S. standards for food products.

Apricots

228. Stover, H. J. An analysis of the prices received for canned apricots by canners in California - seasons, 1924-25 through 1935-36. 19 pp., processed. Calif. Agr. Expt. Sta. Giannini Found. Agr. Econ. Mimeogr. Rpt. 47. Berkeley, June 1936.

"This report presents the results of an analysis which has been made for the purpose of determining the more important factors which have been responsible for the variations in the annual average f.o.b. prices received for canned apricots by canners in California from 1924-25 through 1935-36 and of measuring the influence of each of these factors upon those prices." Page 1.

229. U. S. Dept. of agriculture, Agricultural marketing service. Apricots, 1940, weighted average prices received at eastern auction markets, by varieties, by weeks, by markets. 9 pp., processed. George K. York, local representative. Sacramento, Calif. [1940].

In cooperation with California Department of Agriculture, Market News Service.

230. U. S. Dept. of agriculture, Bureau of agricultural economics. California apricots, weighted average auction prices by varieties and by weeks at eastern auction markets 1937-1936-1935. 21 pp., processed. George K. York, local representative. Sacramento, Calif. [1938].

In cooperation with California Department of Agriculture, Market News Service.

231. Wellman, H. R., and Bylin, R. S. Statistical analysis of the annual average f.o.b. prices of canned apricots, 1926-27 to 1939-40. 9 pp., processed. Calif. Agr. Expt. Sta. Giannini Found. Agr. Econ. Mimeogr. Rpt. 72. Berkeley, July 1940.

"The purpose of this report is to present the results of an analysis of the major factors which have influenced the annual average f.o.b. prices received for canned apricots by canners in California from 1926-27 through 1939-40." Page 1.

See also Item 565 - U. S. standards for food products.

Berriès

General

232. Butterfield, H. M. Bush berry culture in California. 53 pp., illus. Calif. Agr. Col. Ext. Cir. 80. Berkeley, Dec. 1933.

Partial contents: Berry packages or containers, pp. 45-47; Distribution and marketing, pp. 47-49.

233. Dougherty, L. A. Charts and tables relating to the small fruit industry in New Hampshire. 39 pp., processed. N. H. Agr. Col. Ext. Agr. Econ. 70. Durham, 1940.

A statistical supplement to New Hampshire Agricultural Experiment Station Bulletin 321, "Markets and Prices for New Hampshire Berries," by L. A. Dougherty.

Statistics include supply periods and/or prices, returns, markets, purchases, and sales for blackberries, blueberries, grapes, raspberries, and strawberries.

234. Dougherty, L. A. Markets and prices for New Hampshire berries. 52 pp. N. H. Agr. Expt. Sta. Bul. 321. Durham, June 1940.

"This study was undertaken in order to bring together more facts concerning the small fruit industry in New Hampshire. It deals principally with markets, methods of sale, prices, and opportunities for growers of small fruits in New Hampshire. Some data are also included on varieties, yields and returns. The more complete utilization of local markets and possible outlets for surplus berries, if expansion should occur, are also given consideration." Page 3.

Blackberries; blueberries, grapes, raspberries, and strawberries are discussed.

235. Goldsworthy, Vernon. Cooperative marketing of cranberries. Amer. Inst. Coop. Amer. Coop., 1934: 347-352.

236. Pitt, D. T., Beckwith, Charles S., and Grant, C. J. A survey of the cranberry and blueberry industries in New Jersey. 34 pp. N. J. Dept. Agr. Cir. 232. Trenton, Apr. 1933.

The tables include the following data: Number of growers of cranberries in 1932, by counties, and how they sold, p. 15; Membership in Blueberry Cooperative Association in 1932, p. 33.

237. Stevens, C. D., Franklin, H. J., Guinness, C. I., and Peterson, V. C. The cranberry industry in Massachusetts. 36 pp. Mass. Agr. Expt. Sta. Bul. 332. Amherst, June 1936.

Partial contents: Marketing, pp. 23-25, 35; Cranberry prices, pp. 25-28, 36.

This report includes "a record of cranberry prices since 1863, together with a study of their relation since 1900 to business conditions, cranberry production, and other factors." Page 3.

238. Sulerud, G. L., and Nelson, Milton N. An economic study of the small-fruit industry in Oregon. 95 pp. Oreg. Agr. Expt. Sta. Bul. 274. Corvallis, Jan. 1931.
Trends in canned-fruit pack, pp. 38-53 - Foreign exports of canned berries, pp. 51-53; Prices of Oregon berries and comparisons with other fruits, pp. 68-77.
Strawberries are included.

See also Item 565 - U. S. standards for food products.

Strawberries

239. Allred, Charles E., Atkins, S. W., Luebke, B. H., Hopkins, E. J., and Neskaug, S. R. Marketing strawberries cooperatively in Tennessee. 31 pp., processed. Tenn. Agr. Expt. Sta. Agr. Econ. and Rural Sociol. Dept. Rural Research Ser. Monog. 43. Knoxville, May 30, 1937.
"A summary is presented of the attempts made by Tennessee farmers and business men to handle strawberries cooperatively. An account of their failures, as well as their accomplishments, is given for the benefit of those who wish to profit by the experience of others in this type of endeavor." Introduction.
240. Barnett, R. J. Strawberry growing in Kansas. 15 pp. Kansas Agr. Expt. Sta. Cir. 162. Manhattan, July 1931.
Partial contents: Harvesting, shipping and marketing, pp. 11-14.
241. Clarke, George B., and Bressler, R. G., Jr. Prices as related to quality on the Connecticut strawberry auctions. 32 pp. Conn. Agr. Expt. Sta. Bul. 227. Storrs, Feb. 1938.
"In 1933 the Storrs Experiment Station conducted a study of the New Haven Strawberry Auction to determine, if possible, the effect of quality factors on prices paid at the auction. The study was repeated in 1935 on the Manchester Strawberry Auction. This bulletin presents the results of the two studies together with a history and description of the strawberry auctions." Page 5.
242. Colby, A. S. Strawberry culture in Illinois. 52 pp., illus. Ill. Agr. Expt. Sta. and Ext. Serv. Cir. 453. [Urbana] May 1936.
Partial contents: Marketing problems, pp. 43-45.
243. Cooper, M. R., and Park, J. W. Factors affecting returns to Louisiana strawberry growers. 64 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. Washington, D. C., Oct. 1934.

The subjects discussed include competition from other States and marketing methods.

244. Fisher, D. F., and Lutz, J. M. Handling and shipping strawberries without refrigeration. 16 pp. U. S. Dept. Agr. Cir. 515. Washington, D. C. [U. S. Govt. print. off.] Feb. 1939.

The purpose of the experiments reported was to study harvesting, handling and packing methods, and other practices used with strawberries to determine how the loss in keeping quality, because of adverse temperatures in non-refrigerated shipments, could be kept to the minimum. The strawberries used in the investigations were grown at Beltsville and Salisbury, Md., in 1934 and 1935, and at Willard, N. C., in 1935 and 1936. Page 1.

245. Heckman, J. H., and Hall, Orville J. Harvesting, marketing methods, and production policies for Arkansas strawberries. [4 pp.] Ark. Agr. Col. Ext. Serv. Cir. 328. Little Rock, Apr. 1934.

Partial contents: Methods of sale; Cost of selling in central market; Production cycles.

246. Hill, R. G. Preparing strawberries for market. 22 pp., illus. U. S. Dept. Agr. Farmers' Bul. 1560. [Washington, D. C., U. S. Govt. print. off.] Revised July 1936.

Partial contents: Grading; Standardized grades; Packing; Packing sheds - including on page 11 plan for a strawberry-packing shed; Containers; Loading cars - including table on page 20 showing number of strawberry crates usually loaded in a car.

247. Park, J. W. Market distribution and price spreads of Louisiana strawberries. 42 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. Washington, D. C., Oct. 1938.

"The possibility of obtaining a wider and more thorough market distribution of Louisiana strawberries has been discussed as a means of improving returns to growers. Differences of opinion apparently exist among growers and others as to the spread between shipping-point prices and city wholesale and retail prices. This report includes the results of a study carried on during the Louisiana strawberry season of 1938, chiefly in regard to distribution of carlot shipments, redistribution from large markets, and price spreads, although some information was obtained on other phases of city marketing. As Chicago is the leading market for Louisiana strawberries most of the field work was done in that area." Foreword.

248. Phillips, C. D., and Card, D. G. Organization and management problems of cooperative strawberry marketing associations in Kentucky. Ky. Agr. Expt. Sta. Bul. 319, pp. 247-287. Lexington, Aug. 1931.

"The purpose of this study is to discuss the factors that affect the efficiency of operation of cooperative strawberry marketing associations and to indicate how returns to growers may be increased by such organizations." Page 252.

Partial contents: Meeting market requirements, pp. 270-272; Inspection, pp. 272-274; Handling surplus berries, pp. 274-275; Distribution of shipments, pp. 275-278; Market information, pp. 278-281; Selling practice, pp. 281-282; Pooling, pp. 282-286.

249. Stevens, W. Mackenzie. Marketing strawberries by auction at shipping points in Louisiana. Amer. Inst. Coop. Amer. Coop., 1933: 382-388.

250. Thomas, Harold E. The production of strawberries in California. 92 pp. Calif. Agr. Col. Ext. Serv. Cir. 113. Berkeley, Dec. 1939.

Partial contents: Markets and crop movement, pp. 13-21; Marketing and selling the strawberry crop, pp. 60-63.

251. Thompson, R. L. Financing production and marketing of Louisiana strawberries and suggested reorganization. 67 pp. La. Agr. Expt. Sta. Bul. 219. Baton Rouge, Jan. 1931.

Partial contents: Uses of credit in the berry area, p. 14; Financing the berry industry, pp. 23-24; Cost of credit, pp. 24-28; Proposed plan for a central agency for marketing Louisiana strawberries, pp. 45-52.

See also Item 565 - U. S. standards for food products.

Cherries

252. DeGraff, Herrell F. The cherry enterprise in western New York. 25 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 322. Ithaca, June 1940.

Marketing Newfane-Olcott cherries, pp. 24-25.

253. Marshall, Roy E. Production and price trends in the pitted red cherry industry. 26 pp. Mich. Agr. Expt. Sta. Spec. Bul. 258. East Lansing, Feb. 1935.

Discussion includes rates of sales of various packs, and price trends.

254. National canners association, Division of statistics. The marketing of red cherries; an analysis of problems that are of mutual interest to canner and grower. 14 pp. Washington, D. C. [1940]
Data cover chiefly the years 1930-39.
255. Nelson, Milton N., and Sulerud, George L. An economic study of the cherry industry with special reference to Oregon. 96 pp. Oreg. Agr. Expt. Sta. Bul. 310. Corvallis, Feb. 1933.
Partial contents: Trends in canned and cold cherry pack, national, regional, and State; Maraschino cherries; Dried cherries; The use of cherries as juice; Fresh cherry shipments; Prices paid growers.
256. U. S. Dept. of agriculture, Agricultural marketing service. Cherries - apricots, 1940, by L. S. Fenn and L. B. Gerry. 19 pp., processed. Seattle, Wash., May 1941.
In addition to the statistics for the 1940 season, the following are included: Carlot shipments of cherries by States, 1931-1940; Carlot unloads of northwestern cherries at important cities, 1936-1940; Carlot unloads of cherries in 19 cities, 1937-1940; Production of apricots, 1939, 1940, and 10-year average; Unloads of northwestern apricots in various cities, 1939 and 1940.

See also Item 565 - U. S. standards for food products.

Citrus Fruits

257. Armstrong, Paul S. Adjustment to changed business conditions by the citrus industry. Amer. Inst. Coop. Amer. Coop., 1932: 366-372.
258. Armstrong, Paul S. Lessons from the merchandising of citrus fruit. Amer. Inst. Coop. Amer. Coop., 1931, v. 1: 219-228.
259. Barr, George W. Arizona grapefruit industry; some economic aspects. Ariz. Agr. Expt. Sta. Bul. 161, pp. 218-244. Tucson, Nov. 1938.
"This study proposes to clarify the problems facing Arizona producers of grapefruit in the year 1938. While the study centers specifically around the problems in Arizona, it was necessary to include in the study certain data showing relationships of the Arizona crop to all Desert grapefruit, to other American production, and to world production and markets." Foreword.
"Calculations based upon probable numbers of trees on a full bearing basis indicate that the Southwest must plan to market at least one half more Desert grapefruit by 1943 than that available for market in 1938." Synopsis, p. 1.

260. Brooker, Marvin A., and Hamilton, H. G. Farmers' cooperative associations in Florida. II. Organization and management. 100 pp. Fla. Agr. Expt. Sta. Bul. 263. Gainesville, June 1933.

Partial contents: Cooperative marketing of citrus fruits, pp. 17-63; Cooperative marketing of truck crops, pp. 63-90.

261. California fruit growers exchange, Marketing research dept. Statistical information on the grapefruit industry. 25 pp., processed. [Los Angeles?] Sept. 1940.

It is planned that this publication include basic information in connection with the grapefruit industry, which will be brought up to date periodically. The information is assembled from official sources and from records of the California Fruit Growers Exchange.

262. California fruit growers exchange, Marketing research dept. Statistical information on the lemon industry. 11 pp., processed. [Los Angeles?] Jan. 1940.

"The tables and figures in this bulletin show developments and trends in the lemon industry. This information has been assembled from accepted official sources, and will probably constitute the basic data to be used by all agencies interested in this subject."
Page 2.

263. California fruit growers exchange, Marketing research dept. Statistical information on the orange industry... 34 pp., processed. [Los Angeles?] Feb. 1941.

Material in this report is assembled from official public sources and from records of the California Fruit Growers Exchange. It is planned that it will be brought up to date annually.

264. Coe, Paul F. Marketing organization for fresh limes. Jour. Marketing 4(1): 51-58. July 1939.

A factual description of the movement of limes from grower to United States consumer.

265. Erdman, H. E. The California fruit growers exchange; an example of cooperation in the segregation of conflicting interests. 40 pp. New York American council, Institute of Pacific relations, 1933.

Bibliography, pp. 39-40.

Prepared for the Fifth Biennial Conference of the Institute of Pacific Relations, held at Banff, Canada, August 14 to 28, 1933.

Partial contents: Development of the Exchange System; The Exchange System; Surplus control plans; Costs and benefits; The Exchange System - chart.

266. Florida citrus exchange, Statistical dept. Citrus auction sales, season 1940-41, showing weekly sales and average price at all auction markets for state of Florida, state of California, state of Texas. 58 pp., processed. [n. p.] Aug. 11, 1941.
Oranges, grapefruit, tangerines.
In addition to the detailed statistics for the 1940-41 season, some of the tables present figures for 15 seasons, beginning with 1926-27.
267. Florida citrus exchange, Statistical dept. Summary of citrus shipments, season 1940-41 for Florida citrus exchange, state of Florida, state of California, state of Texas, state of Arizona. 25 pp., processed. [n. p.] Aug. 7, 1941.
The various tables present statistics for from two to ten seasons.
268. Fogelberg, Neptune, and McKay, A. W. The citrus industry and the California fruit growers exchange system. 109 pp., illus. U. S. Dept. of agriculture, Farm credit administration, Cir. C-121. [Washington, D. C., U. S. Govt. print. off.] June 1940.
Literature cited, p. 78.
Discusses the citrus-fruit industry in the United States, and the history, organization, policies, and operations of the California Fruit Growers Exchange system.
269. Hamilton, H. G., and Brooker, Marvin A. Farmers' cooperative associations in Florida. IV. The Florida citrus exchange system. 80 pp. Fla. Agr. Expt. Sta. Bul. 339. Gainesville, Nov. 1939.
270. Hamilton, H. G., and Brooker, Marvin A. A study of the cost of handling citrus fruit from the tree to the car in Florida. 72 pp. Fla. Agr. Expt. Sta. Bul. 266. Gainesville, Apr. 1934.
This study was based upon data secured from the books of 125 packinghouses covering cost of operation for the season 1931-32. A former study included data from 99 packinghouses for the season 1924-25 and 95 packinghouses for the season 1925-26.
271. Hervey, George W. Consumption of citrus fruits and related products in Baltimore and St. Louis. 69 pp. U. S. Dept. of agriculture, Agricultural adjustment administration, Consumers' counsel series, publication no. 6. Washington, Govt. print. off., June 1938.
Partial contents: Quantity of oranges and grapefruit consumed; Consumption of canned products; Relation of income to consumption; Preferences for brands.

272. Johnson, E. C. The outlook for citrus fruits. 11 pp., processed. [U. S.] Farm credit administration, Economic and credit research division. [Washington, D. C.] 1939. [Not available for distribution].

Address, meeting of stockholders of the Columbia Bank for Cooperatives, Orlando, Florida, November 10, 1939.

Partial contents: Effect of war on prices; The situation in the citrus industry; Consumption of citrus fruit increasing.

273. McKay, A. W. The citrus marketing agreements. With discussion by C. V. Noble. Jour. Farm Econ. 17(2): 340-348. May 1935.

Paper read at annual meeting of the American Farm Economic Association, Chicago, December 28, 1934.

274. National canners association. Marketing grapefruit, an analysis of the principal factors underlying distribution problems of the grapefruit canning industry. 14 pp. Washington, D. C., The Association, 1939.

Partial contents: Export outlets, pp. 7-9; Increasing proportion of crop canned, pp. 10-12; Breakdown of canned grapefruit dollar, pp. 12-13.

275. Spurlock, A. H., and Brooker, Marvin A. Florida citrus prices, I. 84 pp. Fla. Agr. Expt. Sta. Bul. 315. Gainesville, Sept. 1937.

"The purpose of this study is to present a three-year summary of the average monthly prices received from auction sales for Florida citrus by kinds, by variety, by grade and by size of fruit, to outline the average costs or charges against the fruit which went to auction; and to arrive at the net amount which the shipping agency received from both auction and non auction sales." Page 5.

The study includes data on costs of marketing Florida citrus fruit at auction, and net returns to both the grower and the shipper from auction sales.

276. Spurlock, A. H., and Brooker, Marvin A. Florida citrus prices, II. 31 pp. Fla. Agr. Expt. Sta. Bul. 317. Gainesville, Nov. 1937.

"... The purpose of this bulletin is to show the average costs of marketing Florida citrus fruit at auction according to method of preservation used in shipment to market, and to show comparative auction prices received for fruit shipped under the various methods of preservation." Page 3.

Partial contents: Methods of preservation used; Costs of marketing; Auction prices, by method of preservation used.

277. Stitts, Tom G. Research as solution of citrus problems. Florida Grower 49 (no. 4 - whole no. 1121): 5, 9. Apr. 1941.
Selected from his address in a 1941 meeting of the Florida Council of Farmers' Cooperatives at Orlando.
Considers both current questions important to growers who are carrying on the Florida citrus-fruit industry, and the contribution that research can make to the solution of those questions.
278. Stover, H. J. The manufacture and use of California canned orange juice. 27 pp., processed. Calif. Agr. Expt. Sta. Giannini Found. Agr. Econ. Mimeogr. Rpt. 45. Berkeley, Apr. 1936.
"This constitutes a preliminary report upon one portion of a project relating to the manufacture and use of California canned orange juice." One of the objectives of the project was "to demonstrate the feasibility, or infeasibility, from an economic point of view, of marketing large quantities of California Valencia oranges in the form of canned juice."
"The portion of the project to which this report relates might be referred to as 'the factual picture of the supply side of the canned-orange-juice industry.'" Page 1.
279. Teague, C. C. The problem of national market stabilization for citrus fruits. Amer. Inst. Coop. Amer. Coop., 1933: 366-376.
280. Teague, C. C. 10 talks on citrus marketing; a series of radio broadcasts. 42 pp. Los Angeles, Calif., 1939.
"The statements herein made are concurred in by my associates who have given their time and energies to the building and perfecting of that great cooperative marketing organization, the California Fruit Growers Exchange."
"I had been considering this series of radio talks for some time, when the failure of the industry distribution committee on November tenth [1938] to set a prorate on oranges presented an immediate crisis that made it imperative to go directly to the growers with the facts on fundamentals that affect their livelihood." Foreword.
Partial contents: Making proration work; The lemon growers' problem; Service of supply; Cooperation is the answer.
281. Thompson, J. M. The orange industry: an economic study. 85 pp. Calif. Agr. Expt. Sta. Bul. 622. Berkeley, June 1938. (Paper 73, Giannini foundation of agricultural economics.)

Partial contents: Shipments of oranges, pp. 13-22; Orange consumption and important markets in the United States, pp. 22-29; Prices, income, demand, and controlled marketing, pp. 30-40; United States foreign trade in oranges, pp. 40-53.

This bulletin supersedes Bulletin 457, Oranges (Series on California Crops and Prices), by H. E. Wellman.

282. U. S. Dept. of agriculture, Agricultural adjustment administration. Recent changes in the Florida citrus industry; a graphic review of certain economic factors bearing on the production and marketing of Florida oranges and grapefruit. 42 pp. Marketing information series, GCM-5. [Washington, D. C.] U. S. Govt. print. off., 1938.

"...prospective increases in production make even more difficult the marketing problems which growers have been trying to solve. Without a substantial increase in consumer buying power, surplus production seems unavoidable. How to meet this difficulty and present demoralization of markets and consequent losses to growers is a matter engaging the attention not only of those in the citrus industry but State and Federal agencies as well." Page 4.

283. U. S. Dept. of agriculture, Agricultural marketing service. Production, disposition, and value of citrus fruits, crop seasons 1909-10 - 1938-39. 35 pp., processed. Washington, D. C., May 1941.

Prepared by Reginald Royston ... and C. N. Guellow.

"The tables included in this report show estimates of production, disposition, and value, of oranges, grapefruit, lemons, and limes, by States, for all seasons of the period 1909-10 through 1938-39 in which quantities were significant and for which adequate data are available." Foreword.

284. U. S. Dept. of agriculture, Division of marketing and marketing agreements. Cost of handling Florida citrus for the 1938-39 season. 40 pp. [Washington, D. C.] Jan. 1940.

A survey "was conducted during the summer of 1939 to obtain information relating to representative costs of handling Florida citrus fruit during the 1938-39 season. This report presents a summary of the records obtained from 58 packing houses engaged in the handling of Florida citrus fruit during that season." Page 1.

The data were obtained from the records of the packing houses by H. G. Hamilton, of the University of Florida. The clerical work required to tabulate and summarize the cost records was performed under the supervision of D. E. Larimore, of the U. S. Department of Agriculture.

285. U. S. Dept. of agriculture, Surplus marketing administration. Annual statistics relating to packs, shipments, and foreign trade of canned grapefruit segments and juice, and packs of related canned commodities, 1928-29 to 1939-40. 15 pp., processed. Fruit and vegetable division. [Washington, D. C.] Dec. 1940.
Data compiled under the supervision of S. R. Smith and Donald M. Rubel.
Table IX, p. 12. United States packs of apples and apple sauce, apricots, berries, cherries, olives, peaches, pears, plums and prunes, salad and cocktail.
286. U. S. Farm credit administration. An analysis of the grapefruit and orange situation. 81 pp., processed. Economic and credit research division. Washington [D. C.] June 1939. [Not available for distribution]
In cooperation with Farm Credit Administration of Columbia, Farm Credit Administration of Houston, and Farm Credit Administration of Berkeley.
Partial contents: Foreign trade in citrus fruit, pp. 20-26; Utilization of the citrus crop, pp. 26-28; Consumption per capita, pp. 28-29; Competition between citrus and other fruits, pp. 34-36; Prices of grapefruit and oranges, pp. 49-60; Factors related to variations in prices of grapefruit and oranges, pp. 60-66.
287. Wellman, H. R. Some economic aspects of regulating shipments of California oranges. 29 pp. Calif. Agr. Expt. Sta. Cir. 338. Berkeley, Jan. 1936. (Paper 60, Giannini foundation of agricultural economics.)
"The purpose of this circular is to present in non-technical form the results of an analysis of the major factors which have influenced the seasonal average f.o.b. prices of California oranges and the application of the results to the problem of estimating the effects upon returns to growers of regulating the volume of orange shipments." Page 1.
288. Wellman, H. R. Statistical analysis of the seasonal average f.o.b. prices of California oranges, 1922-23 to 1937-38. 16 pp., processed. Calif. Agr. Expt. Sta. Giannini Found. Agr. Econ. Mimeogr. Rpt. 68. Berkeley, Oct. 1939.
"The purpose of this report is to present the results of an analysis of the major factors which have influenced the seasonal average f.o.b. prices of California oranges from 1922-23 through 1937-38." Page 1.
Separate parts of the report relate to all oranges, to winter oranges, and to summer oranges.
289. Wellman, H. R., and Street, M. D. Maintenance of substantial equity in the pooling of lemons. 123 pp. Calif. Agr.

Expt. Sta. Bul. 619. Berkeley, May 1938. (Paper 71, Giannini foundation of agricultural economics.)

"The essential question to which this study is directed is: What are likely to be the effects of variations in grade, size, color, and time pools upon the division of the total returns between the individual members of an association? This division involves problems relating to maintenance of substantial equity and to distribution of market risks." Page 5.

"Because of the prospective increase in lemon production, the pooling problems which arise from deterioration in quality and shrinkage of lemons in storage and from the sending of merchantable lemons to the products plant are likely to become acute. Under such situations certain adjustments not now employed will be needed if substantial equity between growers is to be maintained. The technical aspects of these adjustments ... are given in the appendixes." Page 6.

290. Willson, H. F. Marketing Florida citrus, summary of 1940-41 season. 83 pp., processed. U. S. Dept. of agriculture, Agricultural marketing service. Lakeland, Fla., Oct. 11, 1941.

In cooperation with Florida State Marketing Bureau.

Information compiled from the daily citrus bulletins issued at Lakeland, Florida, and from various reports released by the Agricultural Marketing Service, the Bureau of Agricultural Economics, the Bureau of Foreign and Domestic Commerce, the Federal Surplus Commodities Corporation, the Surplus Marketing Administration, the Florida Citrus Exchange, the Florida State Department of Agriculture and the Florida Citrus Commission.

291. Winfrey, R. E. Marketing Texas citrus, Lower Rio Grande Valley of Texas; summary of 1940-41 season. 30 pp., processed. U. S. Dept. of agriculture, Agricultural marketing service. Weslaco, Tex., May 1941.

In cooperation with Texas State Department of Agriculture, Markets and Warehouse Division.

"The information contained in this Summary was compiled from the daily bulletins published at Weslaco during the 1940-41 citrus season; also from publications of the Agricultural Marketing Service, and other official publications.

"All shipment figures shown herein include only through May 24, and therefore, are not final." Foreword.

292. Winston, J. R. Harvesting and handling citrus fruits in the Gulf States. 38 pp., illus. U. S. Dept. Agr. Farmers'

Bul. 1763. [Washington, D. C., U. S. Govt. print. off., 1937]

Partial contents: Fruit-handling machinery and processes; Packing; Precooling; Special handling of limes.

293. Wulfert, M. A. Citrus fruits; world production and trade. 55 pp. U. S. Dept. of commerce, Bureau of foreign and domestic commerce, Trade promotion series no. 213. Washington, U. S. Govt. print. off., 1940.
Partial contents: United States, pp. 4-5.

See also Item 98 - Marketing orders; Item 565 - U. S. standards for food products.

Grapes

294. Alcorn, G. B., and Hudson, W. D. Marketing Kern County table grapes. 31 pp., processed. [Berkeley] Calif., Agricultural college, Extension service, July 1939.
"This is the third annual issue of this publication. ...an attempt has been made in this issue to devote more space to an analysis of factors affecting the price of Kern County table grapes and costs of distribution." Introduction.
295. Conn, Donald D. The California vineyard industry. Five year report ... submitted to the California vineyardists association ... rendered with recommendations and conclusions. 60 pp. San Francisco [Security lithograph company] Apr. 1932.
296. Hauck, Charles W. Marketing Ohio grapes. 40 pp., processed. Ohio State Univ. and Ohio Agr. Expt. Sta. Mimeogr. Bul. 81. Columbus, June 1935.
Partial contents: Buying practices of grape consumers in Cleveland; Proposals for improving grape marketing.
297. Hodson, Edgar A. Handling and loading grapes. 10 pp., illus. Ark. Agr. Col. Ext. Serv. Cir. 171. Revised by J. H. Heckman. Little Rock, Mar. 1933.
Partial contents: Loading, pp. 7-10.
298. Rasmussen, Marius P. Some facts concerning the marketing of eastern grapes. Part I. Competition, distribution, and wholesale marketing. 42 pp. N. Y. (Cornell) Agr. Col. Ext. Bul. 275. Ithaca, Dec. 1933.
In cooperation with the Fruit and Vegetable Division, Bureau of Agricultural Economics, U. S. Department of Agriculture, and the Division of Cooperative Marketing of the Federal Farm Board.

Partial contents: Competition of grapes with other fresh fruits; Distribution from important producing regions; Marketing at country points; Wholesale merchandising of eastern grapes.

299. Rasmussen, Marius P. Some facts concerning the marketing of eastern grapes. Part II. Retail distribution and consumer demand. 69 pp. N. Y. (Cornell) Agr. Col. Ext. Bul. 276. Ithaca, Dec. 1933.

In cooperation with the Fruit and Vegetable Division, Bureau of Agricultural Economics, U. S. Department of Agriculture, and the Division of Cooperative Marketing of the Federal Farm Board.

The subjects discussed include retail distribution; consumer demand; the use of eastern grapes for jelly, juice, and table purposes; and size of containers.

300. Scoville, G. P. An economic study of grape farms in eastern United States. Part II. Harvesting and marketing. 46 pp., illus. N. Y. (Cornell) Agr. Expt. Sta. Bul. 628. Ithaca, Apr. 1935.

Partial contents: Grades; Containers; Grape prices.

301. Scoville, G. P. Methods used by growers in marketing grapes; grape prices, grades, and consumption per capita, New York, Pennsylvania, Michigan, and Arkansas vineyards. A preliminary report. 71 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. Washington, D. C., Aug. 1933.

Partial contents: Methods of marketing grapes; Relation of method of disposal to return from vineyard; Containers; Prices of grapes; Marketing season on a Chatauqua County farm; Quality.

302. Sheffer, B. E. Preparation of eastern grapes for market. 18 pp., illus. U. S. Dept. Agr. Farmers' Bul. 1558. [Washington, D. C., U. S. Govt. print. off.] Revised July 1936.

Partial contents: Harvesting and packing; Packages; Standardization and inspection; Loading; Grapes for juice factories.

303. Shear, S. W. The California grape control plan. Amer. Inst. Coop. Amer. Coop., 1931, v. 1: 229-248.

304. Stokdyk, E. A. Marketing Tokay grapes. 74 pp. Calif. Agr. Expt. Sta. Bul. 558. Berkeley, Sept. 1933. (Paper 42, Giannini foundation of agricultural economics.)

"The purpose of this study was to determine what changes in the relations between growers and marketing agencies might be made to increase the net returns to Tokay grape growers." Introduction.

Partial contents: Shipments and prices; Distribution of Tokay grapes; Factors affecting prices; Market capacity; Trade channels; Trade relations; Marketing costs; Tokay clearing house.

305. U. S. Tariff commission. Grapes, raisins and wines; a survey of world production, consumption and trade in table grapes, raisins and currants, and wines and brandies, with emphasis upon the interrelation of the several industries in the United States and other factors essential to tariff considerations. 408 pp., illus. Report no. 134, second series. [Washington, D. C., U. S. Govt. print. off., 1939]

Partial contents: Marketing fresh grapes in the United States, pp. 43-47; Recent problems in production and marketing, pp. 62-76; United States exports of table grapes, pp. 87-91; Marketing table grapes in the United States, pp. 114-125; Marketing California raisins, pp. 152-160; United States exports of raisins, pp. 160-163.

See also Item 93 - Marketing orders; Item 565 - U. S. standards for food products.

Peaches

Fresh

306. DeGraff, Herrell F. Marketing western New York peaches. 25 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 215. Ithaca, June 1938.

Partial contents: Marketing Elberta peaches from the farm; Distribution of peaches handled by Niagara County shippers in 1937; Distribution of peaches from Buffalo Farmers' market.

307. DeGraff, Herrell F. The peach enterprise in western New York; soil relationships, costs and returns, and marketing. 37 pp. N. Y. (Cornell) Agr. Expt. Sta. Bul. 710. Ithaca, Jan. 1939.

Partial contents: Marketing, pp. 29-37.

"The data for this study were obtained from a farm-management survey in the town of Porter, Niagara County, New York, for the crop year 1936, and from a series of farm-management surveys in the town of Newfane, Niagara County." Page 3.

308. Ekstrom, V. A. Marketing Illinois peaches, 1938. 28 pp., processed. Ill. Agr. Expt. Sta. Dept. Agr. Econ. Agr. Col. A.E. 1113. Urbana, Mar. 1939.

Purpose of study: "(1) To analyze peach marketing from a national viewpoint, pointing out where and how

Illinois fitted into the picture in 1938. (2) To develop basic facts regarding the marketing (from the farm to wholesale distributors) of Illinois peaches." Page 2.

309. Ekstrom, V. A. Marketing Illinois peaches, 1939. 24 pp., processed. Ill. Agr. Expt. Sta. Dept. Agr. Econ. Agr. Col. A.E. 1418. Urbana, May 1940.

"Marketing records concerning 793,385 bushels of peaches from the 1939 crop were obtained from 192 growers in 10 southern Illinois counties, and similar records pertaining to the marketing of 460,002 bushels of peaches by 126 growers in 7 southern Illinois counties were obtained in 1938. These data, together with information on production, movements to markets, and prices in Illinois and other states, have been analyzed in an effort to develop certain facts useful in market improvement." Page 1.

310. Ekstrom, V. A. The peach situation. 9 pp., processed. Ill. Agr. Expt. Sta. Dept. Agr. Econ. Agr. Col. A.E. 1196. Urbana, July 1939.

Includes peach production in Illinois and competing States, and Illinois prices to growers, 1930-38.

311. Keller, H. R., Shear, S. W., and Alcorn, G. B. Economic status of Kings County Elberta peaches. 39 pp., processed. California university, Agricultural extension service. Hanford, Calif., June 1941.

In cooperation with U. S. Dept. of Agriculture and Kings County.

Partial contents: California Elberta marketing problem, pp. 2-4; Competition with other States, pp. 12-22; Seasonal competition within California, pp. 22-26; Prices, pp. 27-34; Dried peach supplies and shipments, pp. 34-38.

312. Park, J. W. Preparing peaches for market. 33 pp., illus. U. S. Dept. Agr. Farmers' Bul. 1702. [Washington, D. C., U. S. Govt. print. off., Apr. 1933]

Partial contents: Packing houses; Packages; Packing equipment; Operation of a packing house - including on page 23 floor plan of packing house; Loading the car - including on page 31 plan for carload of peaches in bushel baskets; Grades and inspection.

313. U. S. Dept. of agriculture, Bureau of agricultural economics. California peaches, weighted average auction prices by varieties and by weeks at eastern auction markets 1937-1936-1935. 37 pp., processed. George K. York, local representative. Sacramento, Calif. [1938]

In cooperation with California Department of Agriculture, Market News Service.

314. U. S. Dept. of agriculture, Agricultural marketing service. Peaches, 1940, weighted average prices received at eastern auction markets, by varieties, by weeks, by markets. 15 pp., processed. George K. York, local representative. Sacramento, Calif. [1941]
In cooperation with California Department of Agriculture, Market News Service.
A detailed summary of weekly weighted average prices received for California peaches at eastern auction markets.
315. Wellman, H. R. Supply, demand and prices of California peaches. 64 pp. Calif. Agr. Expt. Sta. Bul. 547. Berkeley, Dec. 1932. (Paper 36, Giannini foundation of agricultural economics.)
"Supersedes California Agricultural Extension Service Circular 1, published in 1926. However, some of the statistical data for the years prior to 1920 are not published in this bulletin." A. E. Lit.
Partial contents: Foreign markets for California canned peaches, pp. 29-32; Foreign markets for dried peaches, pp. 35-37; United States exports of fresh peaches, p. 49.

See also Item 98 - Marketing orders; Item 565 - U. S. standards for food products.

Canned

316. Agricultural trade relations, inc. The national California canned peach sale; the first of a series of nation-wide producer-consumer campaigns. 23 pp. Stockton, Calif., Agricultural trade relations, inc. [1937]
"The National California Canned Peach Sale was the first of a series of nation-wide Producer-Consumer campaigns staged under the auspices of the National Association of Food Chains. It inaugurated a new era in marketing farm surpluses and its success showed the way to following campaigns." Foreword.
317. Rush, Donald R. An economic analysis relating to the marketing of canning peaches grown in the State of California. 17 pp. Tables. U. S. Dept. of agriculture, Division of marketing and marketing agreements, General crops section. [Washington, D. C.] July 1939.
Partial contents: History of marketing control in California; ...utilization; Grower prices and returns; Price analysis.
318. Stover, H. J. An analysis of the prices received for canned clingstone peaches by canners in California - seasons

1924-25 through 1935-36. 19 pp., processed. Calif. Agr. Expt. Sta. Giannini Found. Agr. Econ. Mimeogr. Rpt. 46. Berkeley, June 1936.

"This report presents the results of an analysis which has been made for the purpose of determining the more important factors which have been responsible for the variations in the annual average f.o.b. prices received for canned clingstone peaches by canners in California from 1924-25 through 1935-36, and of measuring the influence of each of these factors upon those prices." Page 1.

319. Stover, H. J. An analysis of the prices received for canned peaches by canners in California - seasons, 1922-23 through 1934-35. 17 pp. Calif. Agr. Expt. Sta. Giannini Found. Agr. Econ. Mimeogr. Rpt. 42. Berkeley, June 1935.

"In response to a need for some basis for estimating the probable quantities of canned peaches which might be sold during a given season at various prices and with various assumed demand conditions, an analysis was made to determine the more important factors which have been responsible for the variations in the average annual f.o.b. prices received for canned peaches by canners in California from 1922-23 to 1934-35 and to measure the influence of each of these factors upon those prices." Page 1.

320. Wellman, H. R. Statistical analysis of the annual average f.o.b. prices of canned clingstone peaches, 1924-25 to 1939-40. 11 pp., processed. Calif. Agr. Expt. Sta. Giannini Found. Agr. Econ. Mimeogr. Rpt. 71. Berkeley, June 1940.

"The purpose of this report is to present the results of an analysis of the major factors which have influenced the annual average f.o.b. prices received for canned clingstone peaches by canners in California from 1924-25 through 1939-40." Page 1.

See also Item 565 - U. S. standards for food products.

Pears

321. DeGraff, Herrell F. The pear enterprise in western New York. 17 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 318. Ithaca, May 1940.

Partial contents: Marketing, pp. 15-16.

322. Gaston, H. P. The Michigan pear industry; its status and trends. 35 pp. Mich. Agr. Expt. Sta. Spec. Bul. 232. East Lansing, May 1933.

Partial contents: Michigan's place in the national pear season, pp. 15-17; Distribution of the Michigan pear, pp. 18-19; Market demands - Does the Michigan pear satisfy them?, pp. 21-29.

323. Hollands, Harold F. Washington pears on the New York and Chicago fruit auctions. 35 pp. Wash. Agr. Expt. Sta. Bul. 361. Pullman, July 1938.
"Washington-grown pears are sold in large volumes on the New York and Chicago fruit auctions. This publication presents a brief report concerning pears shipped from the State of Washington during the eight crop years 1928-29 through 1935-36 and sold on these two auction markets." Introduction.
324. Stover, H. J. An analysis of the prices received for canned Bartlett pears by canners on the Pacific coast - seasons, 1934-35 through 1935-36. 19 pp., processed. Calif. Agr. Expt. Sta. Giannini Found. Agr. Econ. Mimeogr. Rpt. 49. Berkeley, July 1936.
"This report presents the results of an analysis which has been made for the purpose of determining the more important factors which have been responsible for the variations in the annual average f.o.b. prices received for canned Bartlett pears by canners on the Pacific Coast from 1924-25 through 1935-36 and of measuring the influence of each of these factors upon those prices."
325. U. S. Dept. of agriculture, Agricultural marketing service. Pears, 1940, weighted average prices received at eastern auction markets, by varieties, by weeks, by markets. 18 pp., processed. George K. York, local representative. Sacramento, Calif., n. d.
In cooperation with California Department of agriculture, Market News Service.
A detailed summary of weekly weighted average prices received for California pears at eastern auction markets.
326. U. S. Dept. of agriculture, Bureau of agricultural economics. California pears, weighted average prices received at eastern auction markets by varieties, by weeks, by markets, 1937-1936-1935. George K. York, local representative. 40 pp., processed. Sacramento, Calif. [1938]
In cooperation with California Department of Agriculture, Market News Service.
327. Wellman, H. R., and Bylin, R. S. Statistical analysis of the annual average f.o.b. prices of Pacific Coast canned Bartlett pears, 1926-27 to 1939-40. 9 pp., processed.

Calif. Agr. Expt. Sta. Giannini Found. Agr. Econ. Mimeogr.
Rpt. 73. Berkeley, Aug. 1940.

See also Item 98 - Marketing orders; Item 565 - U. S. standards for food products.

Prunes

328. California. Dept. of agriculture. Marketing program for prunes, as amended. 16 pp. Sacramento, Aug. 2, 1940.
Partial contents: Article II. Control of supply; Article VIII. Equalization fund.
329. DeGraff, Herrell F. The prune enterprise in western New York. 12 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 299. Ithaca, Jan. 1940.
Partial contents: Marketing, pp. 8-11.
330. De Loach, Daniel B., and Peters, Charles W. Some economic considerations affecting the marketing of Oregon dried prunes through cooperative dried-prune-packing associations. 32 pp. Oreg. Agr. Expt. Sta. Bul. 378. Corvallis, Nov. 1940.
In cooperation with U. S. Department of Agriculture, Farm Credit Administration.
A study was made of nine Oregon cooperative dried-prune-packing associations and of the Oregon Prune Exchange, all of which are located in western Oregon. The survey, made in 1940, covered the financial records for the fiscal years 1936, 1937, and 1938.
331. Giannini foundation of agricultural economics. Developments in the prune industry marketing program. 4 pp., processed. [Berkeley, Calif., 1932]
Prune growers represented at the Deciduous Fruit Institute held at Hollister in December 1931 requested the University of California to make an investigation of the marketing situation in their industry with a view to determining possible improvements which would be advantageous to growers.
332. McArthur, Robert. Prune marketing program explained. Calif. Fruit News 102(2728): 12-14. Oct. 19, 1940.
This is an explanation of the entire prune proration and marketing program of California in 1940.
333. U. S. Dept. of agriculture, Agricultural marketing service. Marketing northwestern fresh prunes, summary of the 1940 season, by C. J. Hansen. 18 pp., processed. Portland, Oreg., June 1941.

See also Item 98 - Marketing orders; Item 565 - U. S. standards for food products.

Raisins

334. Bauer, Walter. Foreign production, trade, and government aid in the raisin and currant industry. 142 pp. Calif. Agr. Expt. Sta. Bul. 566. Berkeley, Dec. 1933. (Paper 50, Giannini foundation of agricultural economics.) In cooperation with U. S. Bureau of Agricultural Economics.

"... The data available do not permit precise conclusions concerning the probable effects of government interference abroad on the California raisin industry nor what should be done by the California grower to safeguard his interests in view of the potential competitive strength of foreign producing regions. However, the facts presented on foreign developments should give the California raisin industry a clearer picture than has previously been available of what it may have to contend with in export markets from foreign raisins in the future." Page 5.

335. California. Agricultural experiment station, Berkeley. Hilgardia, v. 6, no. 4. pp. 73-130. Sept. 1931.

Contents: Factors affecting California raisin sales and prices, 1922-1929, by S. W. Shear and R. M. Howe; Factors affecting annual prices of California fresh grapes, 1921-1929, by L. D. Mallory, S. R. Smith, and S. W. Shear.

The first is no. 20, and the second no. 21, of the Giannini Foundation of Agricultural Economics.

These studies were made with the financial cooperation of the Federal Farm Board.

The authors of the raisin study state: "Although the analysis explains only what has occurred in the past, much of its value obviously lies in the help it can give the industry in judging the price at which any given tonnage may be expected to sell during any given crop year in the future. In fact, the specific reason for undertaking the study in the spring of 1930 was to make available a better basis for such judgment in the proposed control program of the industry." Page 73.

The grape study "presents the results of an analysis designed to discover and measure the influence of the major factors that have affected the season's price of each class of California fresh grapes - table, black-juice, and white-juice." Page 101.

336. California. Dept. of agriculture. Marketing program for raisins, as amended. 31 pp. Sacramento, July 23, 1940.

Partial contents: Article II. Raisin Proration Program Committee; Article III. Determination of method, manner and extent of proration; Article VIII. Equalization Fund.

337. Cecil, William J. Raisin prorate system in detail. Calif. Fruit News 103(2745): 3, 4, 8, 9. Feb. 15, 1941.
"Report by William J. Cecil, zone agent of the Raisin Proration Zone on 'the current season's raisin prorate program, both in its background and in its accomplishments, with the figures concerned up to date.'" A. E. Lit.
338. Miller, R. L. The raisin proration program. 9 pp., processed. [1938]
A paper presented at the annual meeting of the Deciduous Fruit Growers Department of the California Farm Bureau Federation at Sacramento, November 14, 1938.
339. Watson, Malcolm. Summary of study relating to California raisin prorate programs. 4 pp., processed. Berkeley, California Agricultural college, Agricultural experiment station, Apr. 1940.
Footnote on page 1: "The study from which this summary has been taken is on file in the Giannini Foundation Library, University of California, Berkeley."
Operations under the three different industry marketing control programs for California raisins during the decade 1930-1940 are described.

Other Fruits

340. Condit, Ira J. Fig culture in California. 69 pp., illus. Calif. Agr. Col. Ext. Serv. Cir. 77. Berkeley, Oct. 1933.
Methods of handling the crop for the fresh-fruit market, for preserving and canning, and for drying are discussed on pages 43-52.
341. Richardson, H. B., Schneider, John B., and Alcorn, George B. Some economic aspects of the California date industry, March 1941. 27 pp., processed. [Berkeley, Calif., Agricultural college] Extension service [1941]
In cooperation with U. S. Department of Agriculture and County of Riverside.
Partial contents: Utilization and grading, pp. 9-10; Packing and handling, pp. 11-12; Distribution, pp. 13-17; Marketing costs and returns, pp. 18-20; United States per capita consumption of dates, p. 23.

342. Rush, Donald R. Economic statistics relating to the California olive industry. 32 pp., processed. U. S. Dept. of agriculture, Division of marketing and marketing agreements. [Washington, D. C.] Feb. 1940.

"Statistical material with respect to California olives and olive oil has not been readily available. The consideration of marketing programs for this industry has been seriously hampered because of this fact. It is to meet such a need that this compilation of statistical data was prepared." Foreword.

343. Stokdyk, E. A. Sales methods and policies of the Calavo Growers of California. 52 pp. Calif. Agr. Expt. Sta. Bul. 539. Berkeley, Sept. 1932. (Paper 34, Giannini foundation of agricultural economics.)

"The purposes of this study were to identify and state clearly the past and present sales methods and policies employed by the Calavo Growers of California, to determine the factors which were taken into consideration in adopting these methods and policies, to test and appraise the effectiveness of some of them, and to determine what changes, if any, in present sales methods and policies might be advisable." Page 3.

344. U. S. Dept. of agriculture, Agricultural marketing service. Plums, 1940, weighted average prices received at eastern auction markets, by varieties, by weeks, by markets. 39 pp., processed. George K. York, local representative. Sacramento, Calif. [1941]

In cooperation with California Department of Agriculture, Bureau of Market News.

A detailed summary of weekly weighted average prices received for California plums at eastern auction markets.

345. U. S. Dept. of agriculture, Bureau of agricultural economics. California plums, weighted average prices received at eastern auction markets by varieties, by weeks, by markets, 1937-1936-1935. 110 pp., processed. George K. York, local representative. Sacramento, Calif. [1938]

In cooperation with California Department of Agriculture, Market News Service.

A detailed summary of weekly weighted average prices received for California plums at eastern auction markets.

346. Wellman, H. R. Olives. Calif. Agr. Expt. Sta. Bul. 510. Series on California crops and prices. Berkeley, Mar. 1931. (Contribution from the Giannini foundation of agricultural economics.)

Partial contents: Utilization of California olives, p. 8; Canned olives, pp. 9-18.

See also Item 98 - Marketing orders; Item 565 - U. S. standards for food products.

VEGETABLES AND MELONS

General

347. Campbell, Carlos. Canned vegetable prices. 20 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. Washington, D. C., Jan. 1933.

In general, the statistics presented cover approximately the years 1920-21 through 1932-33. The tables include corn, peas, tomatoes, and spinach.

348. Carncross, John W. Acreage and price trends in the vegetable industry in the United States and New Jersey, and outlook for 1941. 40 pp., processed. N. J. Agr. Col. Dept. Agr. Econ. Rutgers Univ. A.E. 50. New Brunswick, Nov. 1940.

Partial contents: Vegetable prices in New Jersey, 1910 to 1940; Vegetable price index - United States and New Jersey.

349. Carncross, John W. Average yield required to meet expenses or break even based on 1939 estimated costs - vegetables for market. 4 pp., processed. N. J. Agr. Col. Dept. Agr. Econ. Rutgers Univ. A.E. 36. New Brunswick, Jan. 4, 1940.

Asparagus, cucumbers, onions, cabbage, lima beans, peas, peppers, sweet corn, tomatoes, snap beans, sweet-potatoes, tomatoes for manufacture, spinach, lettuce, carrots.

350. Carncross, John W. Change in commercial acreage of truck crops in the United States and certain sub-divisions and trend of price of vegetables in New Jersey. 16 pp., processed. N. J. Agr. Col. Dept. Agr. Econ. Rutgers Univ. A.E. 37. New Brunswick, Jan. 5, 1940.

351. Carncross, John W. Seasonal variation of vegetable prices. 13 pp., processed. N. J. Agr. Col. Dept. Agr. Econ. Rutgers Univ. A.E. 33. New Brunswick, Nov. 1939.

In cooperation with Works Progress Administration.

"Graphic description of the weekly average price of certain vegetables on the New York City Wholesale Market - for the average of the 5-year period 1933-37 and for 1938 and 1939. (Preliminary)" Cover.

352. Carncross, John W., and Waller, Allen G. The economic situation facing New Jersey vegetable growers. 59 pp., illus. N. J. Agr. Expt. Sta. Bul. 660. New Brunswick, Mar. 1939.

353. Ekstrom, V. A. Crop and market information for nearby vegetable growers, with special reference to results of the trial reporting period on the Randolph Street Farmers' Market, Chicago, Illinois, September 5 to October 11, 1940. 19 pp., processed. Ill. Agr. Expt. Sta. Dept. Agr. Econ. A.E. 1556. Urbana, Feb. 1941.

This is a report on a project, the purpose of which was "to provide special crop and market information for local growers during the trial period; to obtain reactions of growers to this type of service; and to investigate means of improving crop and market information for nearby vegetable growers." Page 1.

354. Ekstrom, V. A. Marketing Madison and St. Clair Counties' truck and vegetable crops, 1940. 38 pp., processed. Ill. Agr. Expt. Sta. Dept. Agr. Econ. A.E. 1620. Urbana, May 1941.

Partial contents: St. Louis wholesale prices and prices to growers for more important crops - sweet corn, potatoes, spinach, tomatoes, cabbage.

The purpose of this study "was to obtain basic vegetable marketing information and to analyze local marketing data in order to assist in formulating proposals for increasing marketing efficiency and returns to the grower." Page 1.

355. Fenton, John M. Truck crops in New Jersey and competing areas. 104 pp. N. J. Dept. Agr. Cir. 239. Trenton, Mar. 1934.

The data presented include carlot shipments and truck unloads for asparagus, beans - lima, beans - snap, beets, cabbage, cantaloupes, carrots, celery, cucumbers, eggplant, lettuce, onions, peas - green, peppers, spinach, strawberries, sweet corn, sweetpotatoes, tomatoes for market.

356. Gaston, H. P. Marketing Michigan vegetable crops. 26 pp. Mich. Agr. Expt. Sta. Cir. Bul. 169. East Lansing, Mar. 1939.

This vegetable marketing study, made in Detroit, was undertaken for the purpose of finding answers to questions of practical importance to the vegetable grower. The author reports, "It was found that by making a few changes, such as using a new package or a different system of grading, many growers were able to get better prices and thereby increase returns. In many cases it was also possible to increase the volume of sales, and to reduce the time spent on the market." Page 3.

357. Gaylord, Fay C., and Cleaver, Harry M. Marketing vegetables produced on northern Indiana muck soils. 19 pp., illus. Ind. Agr. Expt. Sta. Bul. 392. Lafayette, Mar. 1934.
Cabbage, celery, carrots, cauliflower, turnips, and parsnips are the major crops discussed.
358. Knott, J. E., and Platenius, Hans. The retail handling of vegetables. 16 pp., illus. N. Y. (Cornell) Agr. Col. Ext. Bul. 368. Ithaca, Feb. 1936.
"Many of the improvements in handling vegetables that are suggested in this bulletin can be accomplished with little or no additional cost." Page 2.
359. Magistad, O. C., and Frazier, T. O. Production and marketing of truck crops in the territory of Hawaii. 46 pp. Hawaii Agr. Expt. Sta. Bul. 78. Honolulu, Apr. 1938.
"Production of fresh vegetables in the Territory of Hawaii is equal to about 60 percent of local consumption. There are also, of course, large imports of canned, dried, and prepared vegetables. It has been more profitable to use local lands and resources for growth of crops yielding higher returns, purchasing needful vegetables from mainland United States, but such a policy has some drawbacks. ... With assistance, it is believed that truck farming in the Territory can become more of an industry, with local production of many commodities now shipped into the Territory." Introduction.
360. Noble, C. V., and Brooker, Marvin A. Florida truck crop competition. I. Inter-State and foreign. 168 pp. Fla. Agr. Expt. Sta. Bul. 224. Gainesville, Feb. 1931.
"Because of the great importance of truck crops in Florida agriculture, this study was made to bring out the week-to-week competition between Florida growers and producers from the other states as well as from foreign countries. If this information is before the growers of Florida, it is the thought that they will be in a much better position to plan their plantings in order to reduce to a minimum the disastrous peaks of overproduction. It is realized that climatic factors determine to a considerable extent the production period for each truck crop, but frequently a shift of a week to two weeks in the marketing season determines whether the crop is to prove a success or failure." Page 10.
See also item 373.
361. Ockey, William C. Northeastern vegetable and potato marketing program, 1939 season. 23 pp., processed. [U. S. Dept. of Agriculture] Extension Service Cir. 328. [Washington, D. C.] Apr. 1940.

"The northeastern vegetable- and potato-marketing program was sponsored and developed by the Northeastern Vegetable and Potato Council with the assistance of distributors and various Federal and State agencies whose work deals with marketing and production problems pertaining to vegetables and potatoes. A description of the organization and purpose of the Northeastern Vegetable and Potato Council, the development of the marketing program, its objectives, methods of operation, and results obtained during the 1939 season will be given in this report. In addition, the types of assistance rendered by the various agencies in this program as well as conclusions to be drawn from its operation will be presented." Introduction.

362. Paulson, W. E. The mixed carload in distribution of vegetables from the Lower Rio Grande Valley of Texas. 40 pp. Texas Agr. Expt. Sta. Bul. 497. College Station, Nov. 1934.

"The object of this study is that of determining the importance of the mixed carload in the distribution of vegetables produced in the Lower Rio Grande Valley. More specifically, it seeks to ascertain the influence of the mixed carload upon demand for vegetables to the extent that such shipments open the small markets to carload shipments, facilitate movement to the large markets, make easier the marketing of specialty vegetables, lengthen the marketing period, and offer a means of reaching the market with new vegetables and thus encourage the growing and marketing of a greater variety of produce."

363. Platenius, Hans. Wax emulsions for vegetables. 43 pp., illus. N. Y. (Cornell) Agr. Expt. Sta. Bul. 723. Ithaca, Sept. 1939.

In addition to citrus fruits, "Other crops which have been waxed successfully on a commercial scale during the past few years are apples, cantaloupes, tomatoes, cucumbers, peppers, and eggplants." Page 3.

A table shows the "Response of different vegetables to waxing, as determined by the percentage of shrinkage in waxed and in unwaxed vegetables, and by the percentage of reduction in shrinkage resulting from the treatment." Page 22.

364. Prince, G. E., and Gay, M. C. Marketing problems of the vegetable industry of Charleston, Beaufort, and Colleton Counties, South Carolina. 23 pp., processed. Clemson College, S. C. Agricultural college, Extension service, Jan. 1938.

In cooperation with U. S. Farm Credit Administration.

Partial contents: Financing production and marketing; Current market practices; Financial status of producers.

365. Rhodes, Neill. The production, distribution and competition of Florida vegetables. 163 pp. [Fla. Dept. Agr.] [Bul.] (n. s.) 88. Tallahassee, Oct. 1940.

For the principal vegetable truck crops the data presented include the ordinary method of loading standard packed containers in the car, the Florida shipping season and the volume shipped, distribution, northern market prices, Florida market prices, competition, and the peak or low price periods. This information is given for green beans, lima beans, cabbage, celery, cucumbers, eggplant, lettuce, green peas, peppers, potatoes, strawberries, tomatoes, and watermelons. Less detailed information is given for about a dozen other truck crops.

366. Stover, H. J., and Stuart, A. W. Monthly prices of selected California truck crops on the San Francisco, Oakland, Los Angeles, and New York City markets, 1910-1934. 57 pp., processed. Calif. Agr. Expt. Sta. Giannini Found. Agr. Econ. Mimeogr. Rpt. 39. Berkeley, Nov. 1934.

A preliminary report.

Monthly prices for the following truck crops are presented: artichokes, asparagus, lima beans, string beans, beets, cabbage, cantaloupes, carrots, cauliflower, celery, lettuce, onions (yellow), peas, spinach, tomatoes, and watermelons. The San Francisco market quotations for all of these products are included; the Oakland market, all products except beets and cabbage; and the Los Angeles market, all produce, except artichokes. The New York market quotations do not include lima beans, string beans, beets, cabbage, onions, spinach, or watermelons.

367. U. S. Dept. of agriculture. Income parity for agriculture. Pt. I, Section 14. Income from truck crops and farm gardens, calendar years 1909-40. (Preliminary) 65 pp., processed. Bureau of agricultural economics, Agricultural marketing service, Agricultural adjustment administration, Bureau of home economics. Washington, D. C., Feb. 1941.

Partial contents: Table 3. United States: Cash income, home consumption, and gross income from truck crops and farm gardens, 1909-40; Table 4. Cash income, home consumption, and gross income from truck crops and farm gardens, by States, 1918-40, pp. 18-65.

"These estimates of cash income are a measure of the total receipts of farmers during the calendar year

from the sale of vegetables other than potatoes, sweet-potatoes, and dry edible beans, hereafter called truck crops." Page 1.

368. U. S. Dept. of agriculture, Bureau of agricultural economics. Agricultural outlook charts, 1940: potatoes and truck crops. 36 pp., processed. Washington, D. C., Oct. 1939. In cooperation with U. S. Agricultural Marketing Service.

Many of the statistical series begin in 1909 or in 1918.

Discontinued with this issue.

In the fall of 1940 comparable charts on potatoes and truck crops were included in the publication "Agricultural Outlook Charts, 1941; Fruits and Vegetables."

The September 1941 number of "The Vegetable Situation" is a 1942 outlook issue with a few charts, containing data on potatoes and truck crops.

369. U. S. Dept. of agriculture, Bureau of agricultural economics. The Florida winter-vegetable industry and the trade agreement with Cuba. 57 pp., processed. F.S.-70. Washington, D. C., Aug. 1937.

The purpose of this report was to give the best available information concerning the planted and harvested commercial acreage of vegetables in Florida, and the comparative periods and volume of shipments of vegetables from Florida and from Cuba during the 3 seasons preceding the trade agreement of September 3, 1934, with Cuba, and the 3 seasons following the agreement. The report covers the 6 most important Florida vegetables comparable with those on which duty reductions were made and on which data are available - tomatoes, green beans, new potatoes, peppers, cucumbers, and eggplant. Where possible, the data are broken down in such a way as to show the situation in south Florida as well as in the State as a whole. Page 1.

A supplement of 36 processed pages was issued in September 1937, which is entitled: "Carlot shipments and imports of winter vegetables, 1931-32 to 1936-37."

370. U. S. Dept. of agriculture, Bureau of agricultural economics. The vegetable situation; 1942 outlook issue with charts. [31] pp., processed. [Washington, D. C.] Sept. 1941.

The Vegetable Situation is a processed publication issued about the 30th of each month. It contains the latest available information on demand, production, marketings, prices, and the outlook for vegetables.

Each year there is presented in a fall issue an outlook forecast for the following season.

371. U. S. Dept. of agriculture, Bureau of agricultural economics. Vegetables. U. S. Bur. Agr. Econ. Agr. Situation 25(10): 24-25. Oct. 1941.

A summary of the vegetable outlook is published annually in a fall issue of The Agricultural Situation.

372. Waller, Allen G., and Carnicross, John W. New York market prices of certain New Jersey vegetables 1910-1933. 12 pp. N. J. Agr. Expt. Sta. Bul. 575. New Brunswick, June 1934.

"In view of the fact that prices of commodities are being used in connection with parity definitions and other plans for establishment of price levels, this bulletin is for the purpose of making available a series of prices for certain vegetables." Page 3.

373. Wann, John L. Florida truck crop competition. II. Intra-State. 86 pp. Fla. Agr. Expt. Sta. Bul. 238. Gainesville, 1931.

"A continuation of Florida Agricultural Experiment Station Bulletin 224, which is a study of the competition of Florida with other States and with foreign countries. This deals with competition among the production areas within the State." A. E. Lit.

"The purpose of this study is to learn how Florida trucking areas compete among themselves, to determine the degree of keenness of that intra-state competition, and to attempt to designate the production areas for each crop. Also, it is hoped to see whether the competition can be decreased, in some cases, by earlier or later planting as the case may be, thus permitting the shipment of a greater total number of cars but with lower peaks spread over a longer period of time." Page 5.

See item 360 for a description of Bulletin no. 224.

374. Wulfert, M. A. United States foreign trade in fresh vegetables, 1939. [18] pp., processed. U. S. Dept. of commerce, Bureau of foreign and domestic commerce, Food-stuffs division. [Washington, D. C.] Mar. 1940.

In addition to detailed figures for 1939, summary figures for exports are given for the years 1937 and 1938.

Asparagus

375. Crisp, George B. The development of cannery asparagus grading in New Jersey. 12 pp. N. J. Dept. Agr. Cir. 269. Trenton, Mar. 1937.

Partial contents: Development of buying on grade; Problems in grading asparagus.

376. Pentzer, W. T., Perry, R. L., Hanna, G. C., Wiant, J. S., and Asbury, C. E. Precooling and shipping California asparagus. 45 pp., illus. Calif. Agr. Expt. Sta. Bul. 600. Berkeley, Apr. 1936.

Partial contents: Precooling; Shipping tests; Respiration of asparagus.

377. Rich, B. S. Marketing cannery asparagus by grades in New Jersey. 7 pp., illus. N. J. Dept. Agr. Cir. 312. Trenton, Apr. 1940.

Includes New Jersey standards for asparagus for manufacture.

378. Slamp, K. R., and Bevan, L. A. A picture of the asparagus industry for New Jersey farmers. 20 pp. N. J. Agr. Expt. Sta. Bul. 641. New Brunswick, Feb. 1938.

"It is reported that canneries and freezing plants in New Jersey are planning to increase their volume of processed asparagus very substantially during the next few years. If this is done, growers will be faced with the question of whether an expansion of acreage on their individual farms will be profitable. What will be the future status of the asparagus industry if the acreage is considerably increased in this State? What returns, for instance, can the grower expect if production is materially increased?"

"This bulletin gives a picture of the industry in the past and at present, showing definitely the changes in production, the trends in acreage, and the situation as it relates to the market and farm prices of asparagus. The facts set forth should be of assistance to growers in making their decisions in the future." Page 3.

Partial contents: The canning situation; Movement to market; Asparagus prices; Cannery asparagus prices.

379. Stover, E. J. An analysis of the prices received for canned asparagus by canners in California - seasons. 1925-26 through 1934-35. 15 pp., processed. Calif. Agr. Expt. Sta. Giannini Found. Agr. Econ. Mimeogr. Rpt. 40. Berkeley, Mar. 1935.

"In response to a need for some basis for estimating the probable quantities of canned asparagus which might be sold during a given season at various prices and within various assumed demand conditions, an analysis was made to determine the more important factors which have been responsible for the variations in the annual average f.o.b. prices received for canned asparagus by canners in California from 1925-26 to 1934-35 and to measure the influence of each of these factors upon those prices." Page 1.

380. Wellman, H. R. Preliminary report, statistical analysis of the annual average f.o.b. prices of California canned asparagus, 1925-26 to 1938-39. 6 pp., processed. Calif. Agr. Expt. Sta. [Berkeley] Mar. 1939.

See also Item 565 - U. S. standards for food products.

Beans

381. Creek, Charles R. Costs and returns - snap beans for canning in 1940. 24 pp., processed. Mass. Agr. Expt. Sta. F.M. 3. Amherst, 1941.
Partial contents: Market returns and cannery returns, pp. 15-17.

382. Hedrick, Wilbur O. Marketing Michigan beans. 85 pp. Mich. Agr. Expt. Sta. Spec. Bul. 217. East Lansing, Nov. 1931.
Partial contents: Elevators and elevator practices in handling beans; Elevator, bean handling costs; Bean jobbers, jobbers' service, and costs; Bean prices and price spreads; The cannery outlet for Michigan beans; Dry bean marketing outlets; Consumer demand for beans.

383. Hunter, Byron. Bean growing in northern Idaho, eastern Washington, and eastern Oregon. 16 pp. U. S. Dept. Agr. Farmers' Bul. 1509. [Washington, D. C., U. S. Govt. print. off.] Issued Jan. 1927, rev. Feb. 1940.
Partial contents: Marketing the crop, p. 9.

384. Pond, Reed K. Economic data for dry edible beans, 1924-40 (revised). 70 pp., processed. U. S. Dept. of agriculture, Surplus marketing administration, Fruit and vegetable division. [Washington, D. C.] Apr. 1941.
These tables are supplemental to and revisions of the data published in "Major Economic Trends in the Dry Edible Bean Industry," in December 1938, and in "Economic Data for Dry Edible Beans, 1924-39," in March 1940 (mimeographed).

385. Renne, R. R. Economics of bean production and marketing in Montana. 47 pp., illus. Mont. Agr. Expt. Sta. Bul. 258. Bozeman, Mar. 1932.
Partial contents: Marketing the bean crop, pp. 21-26; Prices of beans, pp. 27-41.

386. Sherman, Val. The changing methods of dried bean distribution. 31 pp. Colorado Director of markets office [Denver, 1931]
Advocated joint effort, or cooperative marketing, by bean growers.

See also Item 565 - U. S. standards for food products.

Cabbage

387. Hoecker, R. W. Costs and returns for the cabbage enterprise, 1938 and 1939. 60 pp., illus. N. Y. (Cornell) Agr. Expt. Sta. Bul. 759. Ithaca, June 1941.
Partial contents: Marketing costs, p. 11; Marketing of cabbage, pp. 35-58 - including Sales by months and Type of buyer and of package.
388. Spangler, Raymond L. Marketing commercial cabbage. 126 pp. U. S. Dept. Agr. Tech. Bul. 646. Washington [U. S. Govt. print. off., 1938]
Partial contents: Grading and packing; Packages; Federal-State inspection; Financing the crop; Methods of sale in producing districts; Crop movement by months; Foreign trade; Methods and channels of city market distribution; Description of city cabbage markets - Atlanta, Boston, Chicago, Cincinnati, Cleveland, Detroit, Kansas City, Los Angeles, New Orleans, New York, Philadelphia, Pittsburgh, St. Louis, San Francisco, and Seattle; Prices in producing districts; Prices in city markets.
389. Spangler, Raymond L. Preparation of cabbage for market. 18 pp., illus. U. S. Dept. Agr. Farmers' Bul. 1423. [Washington, D. C., U. S. Govt. print. off.] Revised June 1938.
Partial contents: Necessity for careful grading; Containers; Methods of loading cars; Shipments by motor truck; Handling cabbage for sauerkraut manufacture; Federal-State inspection of cabbage.

See also Item 565 - U. S. standards for food products.

Cauliflower

390. Efferson, J. Norman. Economic studies of vegetable farming in New York. IV. Production and marketing of cauliflower in Delaware County, 1936. 45 pp., illus. N. Y. (Cornell) Agr. Expt. Sta. Bul. 701. Ithaca, July 1938.
Study includes costs and returns on cauliflower in different areas.
391. Hartman, John D. Relation of market quality to the price received for Long Island cauliflower. 36 pp., illus. N. Y. (Cornell) Agr. Expt. Sta. Bul. 716. Ithaca, Apr. 1939.

The purpose of the studies reported was to determine how much the appearance of the cauliflower influenced price, and whether it paid growers to grade the crop.
Page 4.

392. Schneider, John B., Smyth, E. F., and Alcorn, George B. Some economic aspects of the California cauliflower industry. 23 pp., processed. [Berkeley, California university, College of agriculture] Agricultural extension service. Apr. 1938.
Partial contents: Shipments; Distribution and competition - from producing districts in California, eastern markets; Price analysis.

See also Item 98 - Marketing orders; Item 565 - U. S. standards for food products.

Lettuce

393. Beard, S. N. The California plan for marketing Salinas-Watsonville iceberg head lettuce in carload lots in interstate commerce. 47 pp. [Salinas, Calif., 1938?]
Partial contents: How the plan operates; Cost of operating the plan.
394. Efferson, J. Norman. Economic studies of vegetable farming in New York. V. Production and marketing of lettuce in Oswego County, 1936. 41 pp., illus. N. Y. (Cornell) Agr. Expt. Sta. Bul. 702. Ithaca, July 1938.
Methods and costs of marketing in 1936 are discussed, and a comparison is made of marketing costs in 1926, 1927, and 1936.
395. Foote, J. M. Economic trends in the lettuce industry. 21 pp. Ariz. Agr. Col. Agr. Ext. Serv. Cir. 73. Tuscon, Aug. 1932.
The object of this study is an analysis of the statistical data relating to the industry, with particular reference to its future outlook as indicated by the long-time trends of production, prices, and consumption.
Page 5.
396. Jones, H. A., and Tavernetti, A. A. The head-lettuce industry of California. 48 pp., illus. Calif. Univ. Agr. Col. Ext. Cir. 60. Berkeley, Mar. 1932.
Partial contents: Packing for shipment, pp. 33-34.
397. Knott, J. E. Quality of lettuce as it affects the New York lettuce industry. 17 pp., illus. N. Y. (Cornell) Agr. Expt. Sta. Bul. 651. Ithaca, June 1936.

"... The records of the shipments and the prices received by groups of growers at Elba and at Oswego were studied. Weights and notes on quality were taken as lettuce was being cut in Oswego in 1935. These were later related to the prices received by the growers." Page 3.

398. Platenius, Hans. Handling and shipping lettuce in New York. 24 pp., illus. N. Y. (Cornell) Agr. Expt. Sta. Bul. 732. Ithaca, May 1940.

"The studies presented in this bulletin were carried out to determine whether it is advisable to make changes in the common methods of handling and packing; and, in particular, to determine to what extent methods used in the Western States could be modified to adapt them to New York conditions." Pages 3-4.

399. Spangler, Raymond L. Marketing commercial lettuce. 82 pp., illus. U. S. Dept. Agr. Tech. Bul. 712. Washington, D. C., U. S. Govt. print. off., 1940.

Partial contents: Description of important lettuce-producing areas and districts; Methods of sale in producing districts; Crop movement by months; Foreign trade; Methods and channels of city market distribution; Description of city lettuce markets; Prices in producing districts; Prices in city markets.

See also Item 565 - U. S. standards for food products.

Melons

400. Burmeister, Gustave, and Hultgren, Thor. Relationships among watermelon prices, freight rates, production, and marketings. 35 pp., 10 charts, processed. U. S. Dept. of agriculture, Bureau of agricultural economics. Washington, D. C., Dec. 1936.

Issued in small edition for official work and not for general distribution.

"Prices received by growers for a number of years before the depression permitted an upward trend in the acreage and production of watermelons. Since then there has been a sharp reversal of conditions in the industry. Farm prices broke in 1930; in 1932 and again in 1933 there was a marked decline in production. The situation has prompted an analysis of the prices, production and marketing of watermelons." Page 1.

401. Erwin, A. T., Shepherd, Geoffrey, and Morgan, N. D. Marketing Iowa cantaloupes. Iowa Agr. Expt. Sta. Bul. 373, pp. 97-158. Ames, Aug. 1938.

"The region commonly known as the Muscatine area was selected for this study, as the largest single area in Iowa devoted to muskmelon production is found in Muscatine and Louisa Counties." A. E. Lit.

The problems considered include changes in transporting and selling agencies and competing areas of production.

Partial contents: Cooperative marketing, pp. 156-157.

402. Gabriel, Harry S. The marketing of Delaware cantaloupes.

Pt. 1. 24 pp. Del. Agr. Expt. Sta. Bul. 165.

Newark, June 1930. Partial contents: Production practices as they affect marketing, pp. 16-22; Marketing practices, pp. 22-24.

Pt. 2. Consumer demand. 43 pp. Del. Agr. Expt. Sta. Bul. 171. Newark, June 1931.

403. Garner, C. G. Marketing Georgia watermelons. 29 pp. Ga. Agr. Col. Ext. Serv. Bul. 476. Athens, June 1940.

Partial contents: Movement by States; Loading practices; Selling methods.

404. Lloyd, J. W. Growing and marketing muskmelons. 20 pp., illus. Ill. Agr. Expt. Sta. Cir. 405. [Urbana, Feb. 1933]

Partial contents: Grading, Packing, Selling the crop, pp. 17-20.

405. Park, J. W. Marketing cantaloups and other muskmelons.

51 pp., illus. U. S. Dept. Agr. Tech. Bul. 425.

Washington, D. C. [U. S. Govt. print. off.] May 1934.

Partial contents: Shipping seasons; Preparing the crop for market; Marketing methods; Market outlets; Prices; Competition with other fruits and melons.

406. Strowbridge, J. W. Origin; distribution, and market price of the commercial watermelon crop. 60 pp. U. S. Dept. Agr. Tech. Bul. 398. Washington, D. C. [U. S. Govt. print. off.] Dec. 1933.

Partial contents: Time of crop movement, pp. 6-8; Analysis of supply of seven markets, pp. 34-41 - New York City, Chicago, Philadelphia, St. Louis, Cleveland, Boston, Buffalo.

See also Item 565 - U. S. standards for food products.

Potatoes

407. Allen, N. L. Problems in marketing Maine potatoes. Amer. Inst. Coop. Amer. Coop., 1938: 548-553.

408. Allred, Charles E., Sant, P. T., and Shannon, E. M. Regional differences in the farm price of Irish potatoes and sweet potatoes in Tennessee and United States. 32 pp., processed. Tenn. Agr. Expt. Sta. Agr. Econ. and Rural Sociol. Dept. Monog. 56. Knoxville, Sept. 30, 1937.
Bibliography, p. 30.
"The purpose of this monograph is to show the geographic variations in the price of Irish potatoes and sweet potatoes in Tennessee, by crop reporting districts, and in the United States by States, and to point out some of the reasons for these price differences." Introduction.
409. Bagley, Dudley. Problems in cooperative potato marketing. Amer. Inst. Coop. Amer. Coop., 1933: 397-400.
410. Bakken, Henry H. Consumer preferences for potatoes. 40 pp. Wis. Agr. Expt. Sta. Research Bul. 124. Madison, Nov. 1934.
Partial contents: Consumption habits, customs, needs, and preferences; Retail distribution; Some problems in handling and sales - Small packages for potatoes, the potato futures market, suggestions for a potato improvement program.
411. Barber, J. W. Possibilities and limitations of government programs in Idaho. Amer. Inst. Coop. Amer. Coop., 1938: 566-568.
Discusses potato problems.
412. Battin, Charles T. The competitive position of the Chicago potato market. Jour. Business Univ. Chicago 8(2): 111-142. Apr. 1935.
413. Battin, Charles T. The economic organization and competitive status of the Chicago potato market. Jour. Business Univ. Chicago 8(1, pt. 1): 46-64. Jan. 1935.
414. Cowden, T. K. Marketing Pennsylvania potatoes in fifteen-pound containers. 19 pp., illus. Pa. Agr. Expt. Sta. Bul. 281. State College, Oct. 1932.
"The primary purpose of this study was to determine: the returns from marketing potatoes in 15-pound containers; the cost of marketing in small containers; the type of markets and the conditions favorable to this type of packaging; the types of container preferred by the market; and the problems confronting the grower who uses the peck container." Page 3.

415. Donaldson, R. B., and Dickey, J. B. P. Potato grading. 16 pp., illus. Pa. Agr. Col. Ext. Cir. 190. State College, Aug. 1937.
Partial contents: Grading practices; Grading defects; Equipment and factors essential for good grading.
416. Fifield, W. M. Potato growing in Florida. 48 pp., illus. Fla. Agr. Expt. Sta. Bul. 295. Gainesville, Apr. 1936.
Bibliography, pp. 47-48.
Partial contents: Grading and packing, pp. 43-45; Marketing, pp. 45-46.
417. Findlen, P. J. Facts relating to consumer and retailer demand and preferences for potatoes. 18 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 301. Ithaca, Feb. 1940.
Partial contents: Consumer packages for potatoes; Grades of potatoes sold at retail.
418. Findlen, P. J. Market demand for potatoes. 17 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 250. Ithaca, Feb. 1939.
Partial contents: Grade factors; Consumer packages; Complaints of consumers; Retailers' preferences.
419. Findlen, P. J. Potato inspections in retail stores; an analysis of inspections in 14 cities of up-State New York, 1936-37 season. 40 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 206. Ithaca, May 1938.
"The purposes of this study were: (1) to learn the quality of New York potatoes sold in retail stores in various cities of upstate New York; (2) to find the relationship of quality of potatoes sold to consumers and the retail price; (3) to determine the effect of merchandising methods on the quality and price of potatoes sold in different types of retail food stores."
Page 1.
420. Foelsch, Gertrude G. Marketing Maine potatoes: Boston retail prices as associated with types of packages, retailers, and consumer incomes, February 26 to April 6, 1940. Preliminary report. 32 pp., processed. U. S. Dept. of agriculture, Farm credit administration, Cooperative research and service division, Misc. Rpt. 36. Washington, D. C., May 1941. [Limited supply available for distribution]
In cooperation with Maine Agricultural Experiment Station.
"In this report price data have been related to such factors as time, source of purchase, kind of package, and population characteristics of consumers." Summary.
See also item 467 - Marketing Maine potatoes in Maine and in Boston, by Gordon W. Sprague.

421. Foelsch, Gertrude G., and Sprague, Gordon W. Marketing Maine potatoes: Purchase and use of potatoes and substitutes in homes of Boston consumers, March 4 to April 6, 1940. Preliminary report. 40 pp., processed. U. S. Dept. of agriculture, Farm credit administration, Cooperative research and service division, Misc. Rpt. 27. Washington, D. C., Sept. 1940. [Limited supply available for distribution]
In cooperation with Maine Agricultural Experiment Station.
"This study was designed to find ways and means of increasing Boston consumers' satisfaction with Maine potatoes and thus strengthening the producer's position in the Boston market." Summary.
See also item 467 - Marketing Maine potatoes in Maine and in Boston, by Gordon W. Sprague.
422. Gardner, A. K., Beverly, V. C., and Reed, D. W. Maine potatoes. 35 pp., illus. Maine Univ. Agr. Col. Ext. Serv. Bul. 201. Orono, Dec. 1931.
Partial contents: Grading, marketing, unloads, and carlot shipments, pp. 32-35.
423. Garey, L. F. A study of the demand for potatoes in the Twin Cities. 24 pp. Minn. Agr. Expt. Sta. Bul. 324. University Farm, St. Paul, Oct. 1935.
424. Garver, W. B. Marketing costs of Minnesota foods. 16 pp. Minn. Univ. Agr. Ext. Bul. 220. [University Farm, St. Paul] June 1941.
Partial contents: Potatoes, pp. 11-12.
"... Price comparisons made between the weighted average annual Minnesota farm price and the Minneapolis retail price for the eight months during which Minnesota potatoes are sold in Minneapolis show that the spread for the period, 1920-38, averaged 52 per cent. Marketing during this period absorbed from 40 per cent to 70 per cent of the consumer's potato expenditure."
Page 12.
425. Gaylord, Fay C., and Cleaver, Harry M. Marketing Indiana potatoes; local supply and imports. 39 pp., illus. Ind. Agr. Expt. Sta. Bul. 361. Lafayette, Mar. 1932.
426. Gunn, R. V. Some economic aspects of the potato situation. 10 pp. Mich. Agr. Col. Ext. Div. Bul. 119. East Lansing, July 1931.
Advocates a grower-owned and grower-controlled cooperative marketing agency.

427. Hamilton, H. G., and Brooker, Marvin A. Farmers' cooperative associations in Florida. III. Business analysis of the Hastings potato growers' association. 63 pp., illus. Fla. Agr. Expt. Sta. Bul. 276. Gainesville, Mar. 1935.
Partial contents: Marketing operations, pp. 10-18.
428. Hancy, Jesse. Experience of the Kaw Valley potato marketing association. Amer. Inst. Coop. Amer. Coop., 1931, v. 1: 449-460.
429. Hauck, Charles W., and McKay, A. W. Marketing potatoes through the Ohio farm bureau cooperative association. 60 pp., illus. U. S. Dept. of agriculture, Farm credit administration [Cooperative research and service division] Bul. 42. Washington, D. C. [U. S. Govt. print. off.] Mar. 1941.
In cooperation with the Ohio Agricultural Experiment Station.
"It was the purpose of the study to appraise as accurately as possible the degree of success the Association has had in realizing the objectives of the committee responsible for the program and the value of its services to Ohio potato growers. Such an appraisal was made in part from the analysis of its sales records and in part from the opinions and attitudes which growers and buyers have developed as a result of the program. In addition, those conducting the study undertook to determine the potato growers' understanding of the Association's program, the degree of support which they have given or are likely to give to it, and the parts of the program which they consider helpful and those which they believe should be changed." Page 6.
430. Heckman, J. H. Problems in marketing early potatoes. Amer. Inst. Coop. Amer. Coop., 1938: 554-560.
431. Heppe, W. F. Experience of the Colorado potato growers exchange. Amer. Inst. Coop. Amer. Coop., 1931, v. 1: 461-475.
432. Heppe, W. F. Possibilities and limitations of government programs. Amer. Inst. Coop. Amer. Coop., 1938: 569-574.
Discusses programs for potatoes.
433. Hincks, Maynard A. Marketing Maine potatoes. I. A preliminary report of consumer preference for potatoes in Boston, March 4 to April 6, 1940. 33 pp. Maine Agr. Expt. Sta. Misc. Pub. 561. Orono, May 1940.

Maine Agricultural Experiment Station and Maine Development Commission in cooperation with Cooperative Research and Service Division, Farm Credit Administration, U. S. Department of Agriculture.

The study was designed to gather information relative to the marketing of potatoes in Boston and the characteristics which combine to increase or decrease consumer acceptance or dissatisfaction. Approximately 1800 families in Boston proper and 13 nearby residential areas were interviewed. The study included data gathered from retail stores and from restaurants as well as from consumers. The present release includes some of the consumer preference information and also some tabulations of data taken from restaurants.

See also item 467 - Marketing Maine potatoes in Maine and in Boston, by Gordon W. Sprague.

434. Hincks, Maynard A., Spangler, Raymond L., and Sprague, Gordon W. Marketing Maine potatoes: Damage in selected bags at Maine shipping points and in Boston wholesale and retail markets. 17 pp., processed. U. S. Dept. of agriculture, Farm credit administration, Cooperative research and service division, Misc. Rpt. 39. Washington, D. C., Sept. 1941. [Limited supply available for distribution]

In cooperation with U. S. Department of Agriculture, Agricultural Marketing Service, and Maine Agricultural Experiment Station.

This report is based upon a study made in retail stores in the Boston metropolitan area during March and early April of 1940 in which potatoes were examined to determine their quality as represented by standards for the grade U. S. No. 1.

See also item 467 - Marketing Maine potatoes in Maine and in Boston, by Gordon W. Sprague.

435. Hincks, Maynard A., and Sprague, Gordon W. Marketing Maine potatoes: Organization and market practices in Maine and Boston. Preliminary report. 29 pp., illus., processed. U. S. Dept. of agriculture, Farm credit administration, Cooperative research and service division, Misc. Rpt. 31. Washington, D. C., Nov. 1940. [Limited supply available for distribution]

In cooperation with Maine Agricultural Experiment Station.

Partial contents: Boston potato markets; Costs and practices in selling potatoes at Maine shipping points; Some costs of operation in the Charlestown produce market; Some packaging practices.

See also item 467 - Marketing Maine potatoes in Maine and in Boston, by Gordon W. Sprague.

436. Howard, R. H. An economic study of white potatoes in Dade County, Florida, seasons 1934-35 to 1937-38. 26 pp., processed. Fla. Agr. Col. Ext. Serv. Potatoes A.E. 3. Gainesville, Nov. 1938.

One of the purposes of this study was "to assist growers in summarizing their growing, harvesting, and marketing costs as well as returns and profit from their farm operations." Page 7.

Partial contents: Cost of marketing, pp. 12-14.

437. Lindsay, M. A., Schneider, John B., Alcorn, George B., and Longfellow, H. W. Marketing Kern County early Irish potatoes, 1941. 33 pp., processed. Bakersfield, California university, Agricultural extension service, 1941.

In cooperation with County of Kern.

438. Lininger, F. F. Potato marketing in Pennsylvania. 39 pp., illus. Pa. Agr. Expt. Sta. Bul. 278. State College, May 1932.

Comparisons are made of the different methods of marketing and the prices received by each method. The relation of some quality factors to potato prices in the wholesale and retail markets are discussed.

439. Lynn, William C., comp. Size of potato sacks in general use. 9 pp., processed. [Trenton] N. J. Dept. of agriculture, Bureau of markets, Apr. 1931.

A report indicating the sizes used in various sections of the United States, and parts of Canada, and changes that were contemplated at that time.

440. Margolin, Ruth L. Cost of production and price margins for Long Island potatoes, 1939. 39 pp., processed. New York (City), Dept. of investigation, Studies in municipal problems, no. 2. [New York, 1940]

"This survey on production costs and price margins for Long Island potatoes is a research associate internship project conducted under the supervision of the Division of Coordination and Research of the New York City Department of Investigation." Preface.

"The purpose of this study is to determine the price spread for Long Island potatoes from the producer to the consumer in New York City and to determine the margins between agencies engaged in the production and disposition of the product. By margin is meant the retention of each agency involved in the distribution of Long Island potatoes. The data represent costs for the 1939 season; prices extend from July 1, 1939 to January 15, 1940." Page 4.

441. Maxton, J. L., and Heckman, J. H. Survey of conditions affecting the production and marketing of white potatoes on the eastern shore of Virginia. [31] pp., processed. [Blacksburg, Va., Virginia polytechnic institute] Jan. 1938.
Partial contents: Marketing period, p. 1; Relationship between production credit and marketing, pp. 9-11; Marketing, pp. 11-19.
442. Merchant, Charles H. Marketing Maine potatoes: A preliminary report on interregional competition of Maine potatoes on the Boston market. 22 pp. Maine Agr. Expt. Sta. Misc. Pub. 563. Orono, Nov. 1940.
"This preliminary report briefly presents some of the material the author has assembled on interregional competition of Maine potatoes on the Metropolitan Boston market. The report, of course, is not a complete nor exhaustive study of the subject. It is merely a beginning of what should become a much larger study including the principal markets other than Boston to which Maine potatoes are shipped." Introduction.
443. Mercker, A. E. The operation of government potato programs. Amer. Inst. Coop. Amer. Coop., 1938: 561-565.
444. Mimms, O. L., and Woodbury, George W. Markets and market preferences for Idaho potatoes. 18 pp. Idaho Agr. Expt. Sta. Bul. 231. Moscow, June 1939.
Literature cited, p. 18.
Partial contents: Grades and grading; Sacking and loading; Where are the markets?; Market preferences for Idaho potatoes; Price premiums; Consumers; Containers used in shipping Idaho potatoes; Value of the outlook service.
445. Motts, G. N. Consumer preferences and retail practices as they affect grading and marketing by potato cooperatives - I. Amer. Inst. Coop. Amer. Coop., 1940: 705-709.
446. Motts, G. N. Marketing potatoes in Michigan with special attention to market preferences. 68 pp., illus. Mich. Agr. Expt. Sta. Special Bul. 288. East Lansing, Nov. 1937.
Literature cited, pp. 59-60.
Includes data on cooking quality by Ruth M. Griswold.
Partial contents: Potato marketing in Michigan; Market preferences for potatoes; Michigan potatoes compared with others.
447. Mumford, Herbert W., Jr. Marketing Maine potatoes: Retail distribution of potatoes in the Boston Metropolitan area,

March 1940. Preliminary report. 42 pp., processed.
U. S. Dept. of agriculture, Farm credit administration,
Cooperative research and service division, Misc. Rpt. 26.
Washington, D. C., Mar. 1941. [Limited supply available
for distribution]

In cooperation with Maine Agricultural Experiment
Station.

"In response to requests from potato growers, ship-
pers, cooperative associations, and others in Maine for
an analysis of their marketing problems in the Boston
metropolitan area, a study was undertaken in the spring
of 1940. This study was designed to show the relative
position of Maine potatoes in that marketing area, the
current preferences of consumers for potatoes to be
used in various ways, the marketing channels and prac-
tices being used by the wholesale and retail trade,
and, to a limited extent, to determine how well the
quality and variety separations made at shipping point
were maintained along the route to the final consumer.
As one part of this broad survey, there was included a
study of the quantity, quality, and methods of handling
potatoes and some related commodities in 368 stores."

Page 1.

See also item 467 - Marketing Maine potatoes in
Maine and in Boston, by Gordon W. Sprague.

448. New England institute of cooperation. (1937) Proceedings
of the tenth annual meeting, held at University of Maine,
Orono, Maine, June 16, 17, 18, 1937. 85 pp., processed.
[Orono? Maine] n. d.

Partial contents: Cooperative potato marketing in
Maine, by H. E. Bryant, pp. 63-72; A study of the market-
ing of 10,000 cars of Aroostook potatoes, 1935, by H. W.
Mumford, Jr., pp. 73-85.

449. New England institute of cooperation. (1938) Eleventh
annual conference, Rhode Island State College, Kingston,
Rhode Island, June 21, 22, 23, 1938. 133 pp., processed.
[Kingston? Rhode Island, 1939?]

Partial contents: Interesting consumers in north-
eastern food products - Maine potatoes. by Frank P.
Washburn, pp. 63-67; Organization of regional markets,
by George B. Clarke, pp. 79-81; The Boston regional mar-
ket, by A. L. Magurn, pp. 82-84; Cooperative potato
marketing, by W. M. Flagg, pp. 85-91.

450. New England research council on marketing and food supply.
Proceedings of the annual meeting ... held on April 24
and 25, 1940, at Boston, Massachusetts. 87 pp., proc-
essed. Boston, Mass., New England research council on
marketing and food supply [1940]

Partial contents: Report of a study on consumer preferences for potatoes in the Boston market. Pt. I. Sampling procedure used in the study of consumer preferences for Maine potatoes in part of the Metropolitan Boston area, by Maynard A. Hincks, pp. 37-53.

451. New Jersey. Dept. of agriculture, Bureau of markets. Annual potato summary, 1940. 56 pp., processed. Trenton, Feb. 1941.
452. Park, James William. Marketing the commercial crop of early potatoes. 44 pp., illus. U. S. Dept. Agr. Cir. 149. Washington [U. S. Govt. print. off.] 1931.
Partial contents: Practices in important producing districts, pp. 23-35; Conditions in representative city markets, pp. 35-41.
453. Park, James William. Marketing the late crop of potatoes. 67 pp., illus. U. S. Dept. Agr. Cir. 475. Washington, D. C. [U. S. Govt. print. off.] June 1938.
Partial contents: Recent developments in marketing late-crop potatoes; Description of important late-potato producing districts and handling and marketing practices; Description of city potato markets.
454. Parsons, Franklin L. Market quality of Kansas potatoes as determined by Federal inspections. 36 pp. Kans. Agr. Expt. Sta. Bul. 298. Manhattan, Nov. 1941. (Contribution 109 from the Dept. of agricultural economics.)
"For some years Kansas potatoes on terminal markets have brought much lower prices than potatoes from competing areas. This study is an attempt to determine reasons for the failure of Kansas potatoes to meet quality competition of potatoes from other states." Page 5.
455. Parsons, Franklin L. Retailer preferences and quality analysis of potatoes on Kansas City markets in June 1940. 15 pp., processed. Kans. Agr. Expt. Sta. Agr. Econ. Rpt. 4. Manhattan, May 1941.
In cooperation with U. S. Farm Credit Administration.
"The chief purposes of this study were to determine market preferences for potatoes, to ascertain the quality of potatoes on retail markets, and to determine what marketing practices meet with approval and disapproval of retailers." Page 1.
456. Rinear, E. H. Consumer preferences for potatoes. 14 pp. N. H. Agr. Expt. Sta. Cir. 37. Durham, June 1931.
"A house-to-house canvass was made by this station in 1929 in order to learn the desires and preferences of the consumer for potatoes. ... The survey included

1,052 homes located in Manchester, Concord, Franklin, Rochester, Dover and Portsmouth and represented 4,536 persons. More people were visited in Manchester than any other city because it is a large potential market and has possibilities of future development." Page 3.

457. Rinear, E. H., and Abell, M. F. Marketing potatoes in New Hampshire. 18 pp. N. H. Agr. Expt. Sta. Cir. 42. Durham, June 1933.

"The principal marketing problems discussed in this bulletin are: distribution of supplies from out-of-state sources; potato prices in New Hampshire markets; obstacles preventing middlemen from purchasing local supplies, marketing methods, grading costs, storage costs, and advantages of selling the crop regularly." Page 3.

458. Robinson, H. L. New merchandising problems of potatoes. Amer. Inst. Coop. Amer. Coop., 1931, v. 1: 476-478.

459. Schneider, John B., and Maxwell, M. V. Marketing of Tule Lake and Klamath potatoes. 63 pp., processed. Berkeley [California university, Agricultural college] Extension service, Nov. 1937.

The Klamath project is approximately halfway between San Francisco and Portland. The value of potatoes marketed from it in 1936 was over 3 1/2 million dollars.

460. Schneider, John B., and Thompson, J. M. Relation between the Hawaii and California potato industries. 11 pp., processed. Berkeley, California university, Agricultural college, Extension service, Sept. 1936.

Partial contents: Movement between Hawaii and the mainland, pp. 2-5.

461. Schrupf, William E. Costs and returns in producing potatoes in Aroostook County, Maine. Maine Agr. Expt. Sta. Bul. 390, pp. 163-231. Orono, Dec. 1937.

Partial contents: Cost of selling potatoes, pp. 211-215; Relation of the cost of selling potatoes to the distance from the shipping point and the amount of potatoes sold, p. 215; Returns from producing potatoes, pp. 215-227.

462. Schrupf, William E. Costs and returns in producing potatoes in central Maine. 34 pp. Maine Agr. Expt. Sta. Bul. 392. Orono, July 1938.

"The purpose of this study is to present (1) the costs and returns in producing potatoes in Central Maine, (2) the effect on costs and returns of such factors as

the size of the potato enterprise, yield rates, and labor efficiency, and (3) a method of computing the approximate cost of growing and harvesting potatoes in Central Maine for years other than 1929 and 1930." Page 1.

The data on which this study is based cover the production and disposal of the potato crops harvested in 1929 and 1930.

Material on sales of potatoes is presented on pages 22-26.

463. Schultz, Henry. The theory and measurement of demand. 817 pp. Chicago, University of Chicago press [1938]
Partial contents: The demand for potatoes, pp. 405-427, including "Demand functions with per capita consumption as the dependent variable," and "Demand functions with price as the dependent variable."
464. Sellers, Roy. Marketing Arkansas early potatoes. 22 pp., illus. Ark. Agr. Col. Ext. Serv. Cir. 422. Little Rock, May 1940.
In cooperation with U. S. Department of Agriculture.
465. Spangler, Raymond L. Retail trade practices and preferences for late-crop potatoes in Chicago and suburbs, and quality analyses of potatoes offered for sale to consumers, 1939-40. 66 pp., processed. U. S. Dept. of agriculture, Agricultural marketing service. Washington, D. C., Dec. 1940.
"This discussion deals largely with consumer reactions as reflected by statements from retail store managers in Chicago and some 30 suburbs regarding the types, quality, and size of late-crop potatoes handled by them during the 1939-40 marketing season. In addition, information relative to trade practices is given as well as the results of analyses of the quality of lots of late-crop potatoes offered for sale in the retail stores during the past season." Introduction.
466. Spangler, Raymond L., and Morrison, W. W. Retail trade practices and preferences for early-crop potatoes in Chicago, and quality analyses of potatoes offered for sale to consumers, 1940. 34 pp., processed. U. S. Dept. of agriculture, Agricultural marketing service. Washington, D. C., Dec. 1940.
"This discussion deals largely with consumer ideas as reflected by statements from 505 retail store managers in Chicago regarding varieties, quality, and size of early- or new-crop potatoes handled by them during the spring and early summer months of 1940. Also, information relative to certain trade practices is given as well

as the results of analyses of the quality of lots of early-crop potatoes offered for sale in the retail stores." Introduction.

467. Sprague, Gordon W. Marketing Maine potatoes in Maine and in Boston. U. S. Dept. of agriculture, Farm credit administration, Cooperative research and service division, Bul. 51. [Washington, D. C., U. S. Govt. print. off.] June 1941. [In press]

In cooperation with the Maine Agricultural Experiment Station.

This bulletin is based on a study of marketing Maine potatoes particularly in the Boston Metropolitan area and secondary markets near Boston. During the course of this study the following seven preliminary reports were issued, the last six of which were released by the Cooperative Research and Service Division, Farm Credit Administration, U. S. Department of Agriculture, Washington, D. C. In these reports some aspects of the study were analyzed in greater detail than in this bulletin.

1. Hincks, Maynard A. Marketing Maine potatoes. I. A preliminary report of consumer preference for potatoes in Boston, March 4 to April 6, 1940. 33 pp. Maine Agr. Expt. Sta. Misc. Pub. 561. Orono, May 1940. See also item 433.

2. Foelsch, Gertrude G., and Sprague, Gordon W. Marketing Maine potatoes: Purchase and use of potatoes and substitutes in homes of Boston consumers, March 4 to April 6, 1940. 40 pp., processed. Misc. Rpt. 27. Sept. 1940. [Limited supply available for distribution] See also item 421.

3. Hincks, Maynard A., and Sprague, Gordon W. Marketing Maine potatoes: Organization and market practices in Maine and Boston. 29 pp., illus., processed. Misc. Rpt. 31. Nov. 1940. [Limited supply available for distribution] See also item 435.

4. Mumford, Herbert W., Jr. Marketing Maine potatoes: Retail distribution of potatoes in the Boston Metropolitan area, March 1940. 42 pp., processed. Misc. Rpt. 26. Mar. 1941. [Limited supply available for distribution] See also item 447.

5. Foelsch, Gertrude G. Marketing Maine potatoes: Boston retail prices as associated with types of packages, retailers, and consumer incomes, February 26 to April 6, 1940. 32 pp., processed. Misc. Rpt. 36. May 1941. [Limited supply available for distribution] See also item 420.

6. Sprague, Gordon W. Marketing problems of Maine potato producers. 12 pp., processed. Misc. Rpt. 38.

Aug. 1941. [Limited supply available for distribution]
See also item 468.

7. Hincks, Maynard A., Spangler, Raymond L., and Sprague, Gordon W. Marketing Maine potatoes: Damage in selected bags at Maine shipping points and in Boston wholesale and retail markets. 17 pp., processed. Misc. Rpt. 39. Sept. 1941. [Limited supply available for distribution] See also item 434.

468. Sprague, Gordon W. Marketing problems of Maine potato producers. 12 pp., processed. U. S. Dept. of agriculture, Farm credit administration, Cooperative research and service division, Misc. Rpt. 38. Washington, D. C., Aug. 1941. [Limited supply available for distribution]
In cooperation with Maine Agricultural Experiment Station.

Partial contents: Prices paid by consumers; Method of selection; Price and quality; Consumers' preferences; Consumers' dislikes; Dealers' practices; Efficiency in Boston market organization.

See also item 467 - Marketing Maine potatoes in Maine and in Boston, by Gordon W. Sprague.

469. Stokdyk, E. A. Some factors influencing the mid-season potato market. 104 pp. Kans. Agr. Expt. Sta. Tech. Bul. 28. Manhattan, Aug. 1931.

Partial contents: Period of the mid-season potato market, pp. 18-19; Production areas supplying the mid-season potato market, pp. 19-26; The influence of total supplies, pp. 26-37; The influence of movement to market on prices, pp. 41-44; The influence of the Chicago market on mid-season potato prices, pp. 44-48.

470. Strowbridge, J. W. Origin and distribution of the commercial potato crop. 64 pp. U. S. Dept. Agr. Tech. Bul. 7. Washington, D. C. [U. S. Govt. print. off.] Issued July 1927, revised Apr. 1939.

Partial contents: Crop movement; Estimated disposition of seven commercial potato crops - United States, New York, Michigan, Wisconsin, Pennsylvania, Virginia and Maryland, New Jersey.

471. Tabb, H. B. Marketing potatoes in consumer packages. Cost, volume, profit, equipment. 30 pp., processed. National Potato Inst. Research Bul. Chicago, June 1932.

Partial contents: Duplex or show-window bags, p. 23; Labor saving machinery, p. 25; Profit or loss?, pp. 27-29.

472. Taylor, Porter R. Intersectional cooperation and production control. Amer. Inst. Coop. Amer. Coop., 1931, v. 1: 481-493.
Discusses the national potato problem.
473. Thompson, H. C., Rasmussen, Marius P., Hardenburg, E. V., Blodgett, F. M., Reddick, Donald, MacLeod, G. F., Livermore, J. R., and Smith, Ora. The potato situation and the status of potato research in New York. 60 pp., illus. N. Y. (Cornell) Agr. Col. Ext. Bul. 352. Ithaca, June 1936.
Partial contents: Market demands for potatoes, pp. 7-11; Marketing, pp. 11-15.
474. Thompson, P. S. Analysis of relative sales of late crop potatoes sold at retail. 52 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 344. Ithaca, Apr. 1941.
"The Colleges of Agriculture and Home Economics at Cornell University have been engaged since February, 1936 in studies to determine what factors affect the market demand for potatoes. These studies have been undertaken in connection with a long-time research program suggested by the Central-Western New York Potato Committee representing the Empire State Potato Club and the New York State Farm Bureau Federation." Page 1.
For this study inspections were made in Buffalo, Rochester, and Syracuse.
475. Underwood, F. L. Costs and returns in producing potatoes in New York in 1929. 122 pp. N. Y. (Cornell) Agr. Expt. Sta. Bul. 568. Ithaca, June 1933.
Partial contents: Marketing, pp. 27-31, 61-62, 84-86, 109-112.
476. Union pacific railroad, Dept. of traffic, Agricultural development. Potato production and marketing. Nebraska and Kansas intermediate areas. 17 pp., processed. Omaha, Nebr., Apr. 1, 1938.
Partial contents: Certification requirements, governing movement of potatoes into other States, p. 15.
477. U. S. Dept. of agriculture. Income parity for agriculture. Pt. I, Section 11. Income from potatoes, calendar years 1910-38. (Preliminary) 99 pp., processed. Bureau of agricultural economics, Agricultural marketing service, Agricultural adjustment administration, Bureau of home economics. Washington, D. C., Mar. 1940.
Partial contents: Table 1. United States: Sales, home consumption, cash income, and gross income from potatoes, 1910-38, p. 12; Table 2. Sales, home consumption, cash income, and gross income from potatoes, by States, 1910-38, pp. 13-60.

478. U. S. Dept. of agriculture, Agricultural marketing service. Disposition of potatoes, crop years 1909-1937, by States. 67 pp., processed. Washington, D. C., Sept. 1939.
Prepared by Harry W. Henderson.
Issued in small edition for office work and not for general distribution.
Disposition statistics are classified under four headings: Fed to livestock, shrinkage and loss after harvest; Used in farm household; Used for seed on farm where grown; Sold.
"Sold. ... Included in this category are quantities sold for table stock, for seed (certified or otherwise) for starch production and for other manufacture." Page 4.
479. U. S. Dept. of agriculture, Agricultural marketing service. Farm production, farm disposition, and value of potatoes, crop years 1937-39, by States. 6 pp., processed. Washington, D. C., July 1940.
480. U. S. Dept. of agriculture, Agricultural marketing service. Local market price movements in South Dakota, 1909-1939. 79 pp., processed. South Dakota Cooperative crop and livestock reporting service. Sioux Falls, Apr. 1940.
In cooperation with South Dakota Department of Agriculture, Division of Agricultural Statistics.
For potatoes and apples, tables are given for prices received by South Dakota farmers, pp. 11, 14, price relatives, pp. 35, 37, and parity prices and percent of parity, pp. 61, 69.
481. U. S. Farm credit administration. Production and marketing of potatoes. 28 pp., processed. Division of finance and research. [Washington, D. C.] Dec. 1934. [Not available for distribution]
The information was designed to give the various credit institutions under the Farm Credit Administration comparative data on potato production and marketing in the various competing regions of the United States.
482. Waite, Warren C., and Cox, Rex W. Seasonal variations of prices and marketings of Minnesota agricultural products, 1921-1935. 59 pp. Minn. Agr. Expt. Sta. Tech. Bul. 127. [University Farm, St. Paul] Mar. 1938.
Partial contents: Potatoes - Type and regularity of seasonal price movement, market movement and utilization, variations among years, pp. 53-56.

483. Waite, Warren C., Dvoracek, D. C., and Norton, V. C. Better potatoes - more money. [12] pp. Minn. Univ. Agr. Ext. Div. Bul. 195. [University Farm] St. Paul, Aug. 1938.
"Actual potato inspection certificates for 5 years, beginning in 1931, give striking proof that Minnesota potato producers could add materially to income by giving more attention to quality in three ways:
"1. By more careful sorting of potatoes to prevent a few bad ones from lowering the grade on a lot of good ones.
"2. By better control of potato diseases that cause grade defects.
"3. By careful digging and handling to avoid cuts and bruises." Page 1.
484. Waugh, Frederick V., White, Charles M., and Hersey, Malcolm R. Maine potato quality related to market prices. 11 pp., illus. Maine development commission Bul. 3. [Augusta] July 1931.
In cooperation with the U. S. Bureau of Agricultural Economics, the Maine Department of Agriculture, and the Maine Agricultural Experiment Station.
485. Weingart, R. E. Consumer preferences and retail practices as they affect grading and marketing by potato cooperatives - II. Amer. Inst. Coop. Amer. Coop., 1940: 710-712.
486. Whitacre, W. P. Methods and costs of marketing potatoes in Pennsylvania. 25 pp., illus. Pa. Agr. Expt. Sta. Bul. 372. State College, Feb. 1939.
Partial contents: Varieties of potatoes grown; Types of markets and marketing methods; Direct competition with other States; Indirect competition; Relation of marketing costs to net proceeds.
"The wide choice of outlets creates the problem as to which will give the greatest net return... The grower is also frequently faced with the decision as to whether it would be more profitable for him to sell his crop ungraded, or partly graded to such buyers as truckers, or to grade and ship it." Page 1.
487. Young, Harry. Problems in marketing western potatoes. Amer. Inst. Coop. Amer. Coop., 1938: 545-547.
See also Item 98 - Marketing orders; Item 565 - U. S. standards for food products.

Sweetpotatoes

488. Allred, Charles E., and Luebke, B. H. Cooperative marketing of sweet potatoes in Tennessee. 41 pp., processed.

Tenn. Agr. Expt. Sta. Agr. Econ. and Rural Sociol. Dept.
Monog. 34. Knoxville, Apr. 10, 1937.

"The purpose of this report is to summarize the attempts made by Tennessee farmers and business men to handle their sweet potatoes cooperatively, from 1913 to 1930. An account of their failures, as well as their accomplishments, is given for the benefit of those who may wish to profit by the experience of others in this type of endeavor.

"The study takes up the problems of sweet potato marketing, how cooperatives have attempted to solve those problems, and to what extent they have accomplished their objectives." Introduction.

489. Ballinger, Roy A. Marketing Louisiana sweet potatoes. 38 pp. La. Agr. Expt. Sta. Bul. 310. [University] Oct. 1939.

Partial contents: Destination of carlot shipments of sweet potatoes; Local marketing practices in Louisiana; Comparison of farm and wholesale prices of sweet potatoes; Transportation costs to various markets; Wholesale prices of sweet potatoes from Louisiana and other States.

"Sweet potatoes are the most important fruit or vegetable produced in Louisiana in recent years."
Page 5.

490. Clark, C. F., comp. A compilation of experimental and other data on harvesting, curing, marketing and feeding sweet potatoes. 42 pp. Miss. Agr. Expt. Sta. Bul. 315. State College, July 1936.

In cooperation with Mississippi State Vocational Board.

Partial contents: Sweet potato economics, pp. 22-29.

491. Elmer, O. H. Sweetpotatoes in Kansas. 52 pp., illus. Kans. Agr. Expt. Sta. Bul. 278. Manhattan, Nov. 1938.

Partial contents: Marketing, pp. 28-31.

492. Erwin, A. T., Shepherd, Geoffrey, and Minges, P. A. Handling and marketing Iowa sweet potatoes. Iowa Agr. Expt. Sta. Bul. P32 (n. s.), pp. 75-103. Ames, May 1941.

Partial contents: Influences on marketing; Handling and packaging; Grading; Factors affecting marketability.

493. Gaylord, Fay C., and Cleaver, Harry M. Marketing Indiana sweet potatoes. 24 pp., illus. Ind. Agr. Expt. Sta. Bul. 370. Lafayette, Jan. 1933.

Partial contents: Markets for Indiana sweet potatoes, pp. 9-14; Prices received by producers for sweet potatoes, by States, 1920-1931, chart, p. 15.

494. Ragsdale, Elmo, and Farmer, L. E. Growing and marketing Georgia sweet potatoes. 28 pp., illus. Ga. Univ. Agr. Col. Agr. Ext. Serv. Bul. 482. Athens, June 1941.
Partial contents: Marketing practices at harvest time, pp. 17-19; Grading and packing, pp. 19-22; Curing and storing, pp. 22-27; Selling, pp. 27-28.
495. Schneider, John B., Alcorn, George B., Volz, Albert G., and Jackson, Sheldon N. Marketing San Joaquin Valley sweet potatoes, 1938. 29 pp., processed. Compiled by Agricultural extension service, University of California [and] U. S. Dept. of agriculture. [Berkeley] California university, Agricultural college, Extension service [1938]
Partial contents: Methods of marketing, pp. 6-7; Competition from other areas, pp. 9-16.
496. Seufferle, C. H., Burdette, R. F., Hamilton, A. B., and DeVault, S. H. Production and marketing of Maryland sweet potatoes. Md. Agr. Expt. Sta. Bul. 436, pp. 41-104. College Park, Aug. 1940.
Partial contents: Historical trends in the marketing of sweet potatoes; Competition between Maryland and other States.
The study was made in 1939, the data collected in the survey relating to the crop produced in 1938.
Some of the objectives of this study were to ascertain the present status of the sweetpotato enterprise in Wicomico County and to study the marketing methods and practices.
497. U. S. Dept. of agriculture. Income parity for agriculture. Pt. I, Section 13. Income from sweetpotatoes, calendar years 1910-39. (Preliminary) 57 pp., processed. Bureau of agricultural economics, Agricultural marketing service, Agricultural adjustment administration, Bureau of home economics. Washington, D. C., Oct. 1940.
Partial contents: Table 1. United States: Sales, home consumption, cash income, and gross income from sweetpotatoes, 1910-39, p. 10; Table 2. Sales, home consumption, cash income, and gross income from sweetpotatoes, by States, 1910-39, pp. 11-33.

See also Item 565 - U. S. standards for food products.

Tomatoes

498. Hansas, A. J., and Bond, M. C. Costs and returns in growing and harvesting canning factory tomatoes. Enterprise accounts, western New York, 1934-1939. 44 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 306 re. Ithaca, June 1940.

In cooperation with the County Extension Service.

This report gives the results of tomato enterprise accounts kept by 54 Monroe, Niagara, and Orleans County growers in 1939 together with comparisons with enterprise accounts kept by Western New York growers in 1934, 1937, and 1938.

499. Hauck, Charles W. Marketing cannery tomatoes on grade in Ohio. 30 pp., illus. Ohio Agr. Expt. Sta. Bul. 504. Wooster, Aug. 1932.

"... Equitable relationship in prices paid for the acceptable grades depends largely upon the quantity and quality of the finished products that may be packed from each grade. Adequate information on this point was not available, and, as a result, contract prices for graded tomatoes have shown wide variations. It has been the primary object of the present study to develop data bearing on this question." Preface.

500. Hauck, Charles W. Marketing Ohio tomatoes to processors on grades, 1930-1940. 26 pp., illus. Ohio Agr. Expt. Sta. Bul. 623. Wooster, Sept. 1941.

"In 1932 the Ohio Agricultural Experiment Station published the results of a study of the marketing of cannery tomatoes (Bulletin 504, 'Marketing Cannery Tomatoes on Grade in Ohio'). In addition to reporting on the use of official grades and government inspection, then employed for only 2 years by only a few Ohio tomato packers, that study was designed to determine, in so far as the limited data then available would permit, the relative value to the canner of the two acceptable grades of tomatoes, U. S. No. 1 and U. S. No. 2, in terms of both quantity and quality packed from each grade.

"In 1935 another publication (mimeographed Bulletin No. 82, 'Five Years of Cannery Tomato Inspection in Ohio, 1930-1934') was issued by the Department of Rural Economics of the Ohio Agricultural Experiment Station, recording the results of this method of marketing tomatoes to canners in Ohio during that period. In that report consideration was given to distribution of grades, number and location of factories and other receiving stations where tomatoes were bought on grades and inspection, and quantities and values of the tomatoes so purchased. Data have been furnished each year by the Federal-State Food Products Inspection Service in Ohio, under whose jurisdiction the inspection has been conducted.

"It now seems desirable to record the results of 11 years of marketing Ohio tomatoes to processors on government grades and inspection, and to attempt an appraisal of the influence of this relatively new commercial practice on buyers and sellers. This report deals

with grading and inspection of tomatoes at those plants where these functions were performed under the supervision of the Federal-State Food Products Inspection Service in Ohio." Page 3.

501. Hauck, Charles W. A study of quality and retail prices of Ohio-packed vegetables. [25] pp., processed. Ohio State Univ. Dept. Rur. Econ. Mimeogr. Bul. 123. Columbus, O., Dec. 1939.

In cooperation with Ohio Agricultural Experiment Station.

The purpose of this study was "to measure the quality of Ohio-packed corn and tomatoes, as purchased at random in representative retail grocery stores in three large Ohio cities, to ascertain the prices at which these brands are sold to consumers, and to determine the relationships existing between quality and price." Page 1.

The conclusion of the author is that price alone merits no confidence as a basis for predicting quality. He therefore recommends the complete adoption of truly informative labeling which would ensure a reliable statement of quality and other pertinent factors on every label.

502. New Jersey. Dept. of agriculture. Contracting for cannery tomatoes by grade. 6 pp. N. J. Dept. Agr. Cir. 307. [Trenton, June 1939]

Includes New Jersey standards for tomatoes for manufacture of strained tomato products.

503. Shaw, Eldon E. Economic data for canned tomatoes, 1925-40. 51 pp., processed. U. S. Dept. of agriculture, Surplus marketing administration, Fruit and vegetable division. [Washington, D. C.] Aug. 1941.

A compilation of tables designed for use by the Surplus Marketing Administration in conducting purchase operations covering canned tomatoes and tomato products. "Data are presented on acreage, production, pack, price, foreign trade, consumption, and cost of production. Long-time economic series, as well as recent price and supply data, have been shown. Detailed sources are given in order that the series may be conveniently continued." Introduction.

504. Smith, Marvin G., and Robertson, Lynn. Economic considerations in growing canning factory tomatoes in northwestern Indiana. 24 pp., illus. Ind. Agr. Expt. Sta. Bul. 442. Lafayette, Oct. 1939.

Partial contents: Marketing cost, p. 8; Average cost of marketing tomatoes in northwestern Indiana (1934-1938), table 4, p. 11.

505. Spangler, Raymond L. Preparation of fresh tomatoes for market. 42 pp., illus. U. S. Dept. Agr. Farmers' Bul. 1291. [Washington, D. C. U. S. Govt. print. off., Revised Feb. 1937]

Partial contents: Farm packing; Central packing houses; Packages; Packing equipment; Operation of a packing house; Packing, Marking packages.

506. U. S. Dept. of agriculture, Agricultural adjustment administration. Some problems in marketing tomatoes grown in the lower Rio Grande Valley of Texas. 12 pp. Division of marketing and marketing agreements, General crops section, Marketing information series, GCM-4. [Washington, Govt. print. off., 1938]

"What marketing problems confront tomato growers in the lower Rio Grande Valley of Texas? How can these problems be met and marketing conditions improved?

"To help the industry answer these questions the Agricultural Adjustment Administration and other Government agencies, in cooperation with growers and shippers, conducted a study of the situation during the 1937 marketing season." Page 1.

See also Item 98 - Marketing orders; Item 565 - U. S. standards for food products.

Other Vegetables

507. Cake, Edwin W., Leith, W. G., and McKay, A. W. Marketing mushrooms from the Kennett Square area of Pennsylvania, and growers' and buyers' attitude concerning proposed marketing plans for mushrooms produced in the area. A report to a committee of growers and others considering the organization of a cooperative marketing association at Kennett Square, Pa. 31 pp., processed. U. S. Dept. of agriculture, Farm credit administration, Cooperative research and service division, Misc. Rpt. 29. Washington, D. C., Nov. 1940. [Limited supply available for distribution]

"...the Cooperative Research and Service Division, Farm Credit Administration, was asked to conduct surveys of limited numbers of growers, commission men, and buyers representing chain stores, soup companies, and others. Field work in connection with this survey was carried on during June and July 1940. The purposes of the survey were:

"1. To obtain and analyze data on marketing Kennett Square mushrooms in order to assist in formulating a growers' marketing program for the area.

"2. To determine the degree of grower and buyer interest in such a program and their opinions regarding policies to be adopted and possible accomplishments."

508. Callaway, R. P. Market outlets for New Mexico onions. 31 pp. N. Mex. Agr. Expt. Sta. Bul. 277. State College, Apr. 1941.

One purpose of this study is to provide New Mexico onion growers who are considering an expansion in onion production, and other interested persons, with information that should be helpful in evaluating price prospects under conditions when a part of the production must be disposed of in markets in the Middle West, such as Kansas City, St. Louis, and Chicago, in addition to disposition in the Texas-Oklahoma area.

509. Efferson, J. Norman. Economic studies of vegetable farming in New York. VI. Production and marketing of celery, 1936. 62 pp., illus. N. Y. (Cornell) Agr. Expt. Sta. Bul. 715. Ithaca, Mar. 1939.

Analyzes costs and returns, and methods and costs of marketing, for celery produced in 1936 in Wayne and Orange Counties, New York.

510. Lewis, William E. Preparation of bunched beets, carrots, and turnips for market. 19 pp. U. S. Dept. Agr. Farmers' Bul. 1594. [Washington, D. C., U. S. Govt. print. off.] Revised 1936.

Partial contents: Grading, packing, containers.

511. Moles, H. S., Cochran, F. D., and Miller, Julian C. A study of some factors affecting the production and marketing of Louisiana carrots. 14 pp., illus. La. Agr. Expt. Sta. Bul. 251. Baton Rouge, June 1934.

This study was undertaken to determine if possible whether or not Louisiana is in a position to produce root crops competitively with California, New York, and Texas, and if so, what were the factors causing the low prices that were being received for the Louisiana products at the time of the study.

512. Park, J. W. Marketing onions. 88 pp., illus. U. S. Dept. Agr. Tech. Bul. 555. Washington [U. S. Govt. print. off., 1937]

Partial contents: Grading, sizing, and packing; Federal-State inspection; Financing the crop; Methods of sale in producing districts; Movement by months; Foreign trade; Methods and channels of city market distribution; Description of city onion markets - Boston, New York, Philadelphia, Baltimore, Pittsburgh, Detroit, Cleveland, Cincinnati, Chicago, St. Louis, Kansas City, Minneapolis,

Atlanta, New Orleans, Fort Worth, Denver, Los Angeles, San Francisco, and Seattle; Prices in producing districts; City-market prices.

513. Rowe, H. R., and Mighell, R. L. The onion situation in the Connecticut Valley. 11 pp. Mass. State Col. Ext. Service Ext. Leaflet 138. Amherst, July 1931.

The purpose of this study is to analyze the conditions which have accompanied changes in the industry in order to show the basic causes for the situation in the early 30's.

Partial contents: Time of marketing, and market prices, pp. 7-9.

514. Rufener, Woodrow W. Production and marketing of dry peas in the Palouse area. 55 pp. Wash. Agr. Expt. Sta. Bul. 391. Pullman, Dec. 1940.

"... This study was undertaken to determine the status of the dry pea industry, its problems, and its relation to the agriculture of the Palouse area."

Page 5.

Partial contents: Marketing dry peas, pp. 28-48.

515. Stokdyk, E. A. Marketing globe artichokes. 68 pp. Calif. Agr. Expt. Sta. Bul. 524. Berkeley, Apr. 1932. (Contribution from the Giannini foundation of agricultural economics.)

"The purposes of this study were to determine possible ways and means of widening the distribution of artichokes and methods of improving conditions in the marketing process where weaknesses were found to exist."

Page 3.

516. Talbot, Parker, and Tavernetti, A. A. Growing and handling market peas in California. 36 pp., illus. Calif. Univ. Agr. Col. Agr. Ext. Serv. Cir. 85. Berkeley, Apr. 1934.

Partial contents: Grading and packing, California standards for peas, and loading and icing, pp. 20-22.

517. U. S. Dept. of agriculture, Agricultural adjustment administration, General crops section. Some economic aspects of marketing control for the Florida celery industry. 53 pp., processed. J. R. Greenman. [Washington, D. C.] Dec. 1935.

See also Item 58 - Marketing orders; Item 565 - U. S. standards for food products.

NUTS

518. Batchelor, Jackson M. Black walnut marketing in southeastern United States. 15 pp., processed. U. S. Dept. of agriculture, Soil conservation service. [Washington, D. C.] Nov. 1939.
This report was written for the information of the Soil Conservation Service personnel.
"In connection with this study; propagating material and data were secured from individuals owning superior fruited trees in northeastern Texas, northern Arkansas, Missouri, Illinois, Kentucky, Tennessee, and Virginia. ... In addition, processors and shelling plants were visited in the area of survey." Page 3.
519. Besley, F. W. Collecting and marketing black walnuts. 4 pp. Md. For. Dept. For. Leaflet 44. Baltimore, Sept. 1931.
520. Bullard, William P. Pecan marketing problems of southern States. Amer. Inst. Coop. Amer. Coop., 1933: 401-404.
521. Clay, Harold J. Marketing peanuts and peanut products. 124 pp., illus. U. S. Dept. Agr. Misc. Pub. 416. Washington, D. C. [U. S. Govt. print. off.] 1941.
Based on Department Bulletin 1401, "Marketing Peanuts."
Bibliography, pp. 120-124.
Partial contents: How production is financed; Marketing methods; Secondary distribution; Federal market news reports; Peanut products; Exports of peanuts and peanut oil; Distribution of American-grown peanuts and peanut oil.
522. Commodity research bureau, inc. Commodity year book, 1941. 636 pp. New York [1941]
Includes data on peanuts and peanut oil, pp. 409-417, and potatoes, pp. 441-446.
523. Gibson, A. E. Marketing peanuts cooperatively. Amer. Inst. Coop. Amer. Coop., 1933: 389-397.
524. Hensley, Harry C., and Borden, Neil H. Marketing policies of the California walnut growers association. 116 pp. [U. S.] Farm credit administration, Cooperative division, Bul. 10. Washington, D. C. [U. S. Govt. print. off.] Mar. 1937. [Out of print]
"A study appraising the methods used to increase the demand for walnuts, with emphasis placed on the value and effectiveness of the advertising, sales promotion, price policies, and distribution channels employed by the California Walnut Growers Association." Title page.

525. Huston, Tom, peanut company, Columbus, Ga. Peanuts; culture and marketing of the white Spanish variety in the south-eastern states. Third edition... Comp. by Bob Barry and Grady Porter, shelling dept. ... 32 pp., illus. Columbus, Ga., 1932.
Partial contents: Marketing, pp. 23-24; Prices, p. 25; Grading, and The 12 points of correct peanut grading, pp. 26-29; Payments, pp. 29-30; Weights, pp. 30-31.
526. Jones, S. A., Childs, V. C., Washburn, R. S., Thibodeaux, B. H., Park, J. W., and Rutland, H. E. An economic study of the pecan industry. 91 pp. U. S. Dept. Agr. Tech. Bul. 324. Washington, D. C. [U. S. Govt. print. off.] Sept. 1932.
Partial contents: Marketing, pp. 62-87.
527. Nemir, Albert S. 1937 review of United States foreign trade in edible nuts. 16 pp., processed. U. S. Dept. of commerce, Bureau of foreign and domestic commerce, Foodstuffs division. [Washington, D. C.] June 1938.
Table 5. United States exports of edible nuts by principal countries, 1935-1937, pp. 7-8.
528. Poole, James. Some economic aspects of the filbert industry; with particular reference to trends in the supply of filberts and of other tree nuts. 20 pp., processed. U. S. Dept. of agriculture, Agricultural adjustment administration, General crops section. [Washington, D. C.] June 9, 1937.
Partial contents: Apparent consumption of filberts in the United States; Prices to growers; Marketing domestic filberts; Trends in supply of other principal tree nuts - almonds, pecans, walnuts, Brazils, cashews.
529. Reed, C. A. Harvesting and marketing the native nut crops of the north. 5 pp., processed. U. S. Dept. of agriculture, Bureau of plant industry. [Washington, D. C., Sept. 1932]
Discusses chiefly black walnuts, hickory nuts, and butternuts.
530. U. S. Congress, House, Committee on agriculture. Marketing quotas - peanuts. Hearing before a subcommittee of the Committee on Agriculture, House of Representatives, Seventy-seventh Congress, first session, on H. R. 2983, a bill to amend the Agricultural Adjustment Act of 1933, as amended, for the purpose of regulating interstate and foreign commerce in peanuts. February 5-5, 1941. Serial A. 73 pp. Washington, U. S. Govt. print. off., 1941.

531. U. S. Dept. of agriculture, Bureau of agricultural economics. Europe as a market for American pecans. 25 pp. Foreign agricultural service, F.S.-66. Washington, D. C., Apr. 1936.

Partial contents: Europe's capacity to consume American pecans; The pecan in England, Germany, France, Belgium.

532. U. S. Dept. of agriculture, Bureau of agricultural economics. Peanuts; revised estimates, acreage, yield, production and disposition by States and estimated commercial production by areas 1919-1938. 18 pp., processed. Washington, D. C., May 1939.

"The purpose of these revised estimates is to provide a comparable series of statistics for as many years as available data will justify, and to establish a new series of production statistics more in line with the quantity of peanuts sold and utilized on the farm where grown after removal from the vines. This new series is designated 'picked and threshed' and is substituted for the old series under the designation 'harvested for nuts', which included peanuts harvested and fed on the vines as well as a portion of the crop otherwise utilized." Page 1.

533. U. S. Federal trade commission. Prices and competition among peanut mills. Letter from the chairman of the Federal trade commission, transmitting in response to Senate resolution no. 139 (Seventy-first Congress), a report on the peanut industry. 78 pp. 72d Cong., 1st sess., Senate Doc. 132. Washington, U. S. Govt. print. off., 1932.

This is a report on an inquiry into the peanut industry, relative to an alleged price-fixing combination acting in violation of the antitrust laws.

See also Item 12 - Situation and outlook for selected fruits and nuts with special reference to the war; Item 98 - Marketing orders; Item 565 - U. S. standards for food products.

STANDARDIZATION, GRADES, PACKAGES,
PACKAGING, LABELS, INSPECTION, ENFORCEMENT

534. American management association. Packaging, packing, and shipping; a record of the subjects as developed through the American management association. James O. Rice, editor. 237 pp., illus. New York, Elliot publishing company, 1936.

The modern package as a sales factor in food marketing, by Paul S. Willis, pp. 83-87.

Many articles by various persons are presented under the following general subjects: The package in merchandising; Package design; Packaging materials; Package engineering; Packing and shipping.

535. Brereton, W. le Gay. Fruit packing equipment. 28 pp., illus. New South Wales Dept. Agr. Farmers' Bul. 165. Sydney, A. J. Kent, government printer, 1931.

Includes plans for a packing shed, home-made fruit-sizing machine, fruit-packing bench, packing-case trolley, and several case-nailing presses; also illustrations of a device for holding fruit wrappers, and of other items of equipment.

536. California. Dept. of agriculture, Bureau of fruit and vegetable standardization. Proceedings of the ninth annual meeting of the Western area standardization conference, Seattle, Washington, June 19-20, 1940. 63 pp. Calif. Dept. Agr. Spec. Pub. 179. Sacramento, 1940.

Partial contents: Are we making the maximum use of standardization in meeting our distribution problems? by W. G. Meal, pp. 8-13; Importance of strict and uniform inspection to the fruit and vegetable industries, by Ivan Plette, pp. 13-18; Methods employed and problems encountered in the enforcement of the fruit and vegetable standards in California, by C. E. Kinsley, pp. 18-22; Problems of the western states' standardization and suggested recommendations, by Earl Hutchings, pp. 40-45; The importance of uniform standardization laws to the free movement of fruits and vegetables throughout the United States, by Frank McKennon, pp. 46-52; Modern trends of inspection, by W. L. Close, pp. 53-55.

537. Cameron, E. J. Standards and labels. Calif. Fruit News 101(2709): 4, 9, 10. June 8, 1940.

Address before the National Cannery Association convention in Chicago in January 1940.

538. Carey, L. C. Containers for fruits and vegetables. 64 pp., illus. U. S. Dept. Agr. Farmers' Bul. 1821. [Washington, D. C., U. S. Govt. print. off., 1939]

Partial contents: Containers standardized by law - Standard Barrel Act, 1915, Standard Container Act, 1916, Standard Container Act, 1928; Importance of standardization; Containers commonly used for apples, artichokes, asparagus, avocados, beans, berries, brussels sprouts, cabbage, cantaloups, miscellaneous melons, cauliflower, celery, cherries, citrus fruit, cranberries, green corn, cucumbers, figs, grapes, lettuce, mushrooms, okra, onions, peaches, pears, peas, peppers, persimmons,

pineapples, plums, prunes, and apricots, pomegranates, potatoes, rhubarb, sweetpotatoes, tomatoes, miscellaneous foliage vegetables, miscellaneous root vegetables.

Many illustrations of containers for particular fruits and vegetables are shown.

Bulletin sets forth under each commodity the containers most commonly used in the important shipping sections.

Supersedes Farmers' Bulletin 1434, Standard Baskets for Fruits and Vegetables, and Farmers' Bulletin 1579, Containers Used in Shipping Fruits and Vegetables.

539. Charlton, Demetrius E. A. The art of packaging. 127 pp. [Printed and engraved by Herbert Reisch, Ltd., London, Dec. 31, 1937]

"...an effort has been made to correlate the important facts which should be known and made use of in package planning. It has been said that there is no 'royal road' to the creation of a successful package, and while this is undoubtedly true, if an attempt at establishing a 'standard plan' is made, there is ample evidence that simple rules, sensibly applied, can attain results that are satisfactory." Foreword.

540. Cheatham, R. J., and Wigington, John T. Cotton bags as consumer packages for farm products. 10 pp. U. S. Dept. Agr. Misc. Pub. 175. Washington, D. C., Nov. 1933.

Discussion includes sizes, meshes, colors, and specifications.

541. Corbett, Roger B. A study of the costs and returns from grading vegetables. 47 pp. R. I. Agr. Expt. Sta. Bul. 249. Kingston, Jan. 1935.

This study was made in connection with a program for the grading of agricultural products in New England. Page 5.

"Careful consideration of the products grown in the area adjacent to the Providence market led to the selection of the following crops: Hothouse tomatoes, field tomatoes, bunched beets, bunched carrots, cucumbers, and peppers. It was felt that these products would give a range from a specialty crop with a limited market to the more generally-used and lower-priced products." Page 6.

542. Edwards, Alice Leora. Products standards and labeling for consumers. 134 pp. New York, The Ronald Press Company [1940]

The agriculturist's friend, pp. 37-47. In the chapter "Guards for public protection," pp. 48-56, there

are discussed certain mandatory standards for foods that have been established by the United States Department of Agriculture.

543. Ensign, M. R. Grading, packing and stowing Florida produce. 59 pp., illus. Fla. Agr. Expt. Sta. Bul. 254. Gainesville, Oct. 1932.
Partial contents: Methods of packing and grading, pp. 14-25; Causes of broken packages, pp. 25-40 - irregular loading or stowing; poor and ill-adapted containers, improper assembling and careless nailing; load shifts and impacts; breakage due to top icing; wilful breakage. Many illustrations showing "how not to do it" are included.
544. Hauck, Charles W. Research as a basis for grading fruits and vegetables. With discussion by W. G. Meal. Jour. Farm Econ. 18(2): 393-404. May 1936.
Paper read at annual meeting of the American Farm Economic Association, at New York, December 27, 1935.
545. Kitchen, C. W. Standardization and inspection of farm products. Reprint from pages 667-683 of the 1940 Yearbook of Agriculture. Yearbook Separate no. 1754. U. S. Dept. of agriculture. Washington, U. S. Govt. print. off., 1941.
546. Leeming, Joseph. Modern export packing. 530 pp. U. S. Dept. of commerce, Bureau of foreign and domestic commerce, Trade promotion series no. 207. Washington, U. S. Govt. print. off., 1940.
Packing methods - Fresh fruits and vegetables, dried and evaporated fruits and nuts, pp. 267-274.
Partial contents: Construction of containers, pp. 5-145; Vital considerations affecting satisfactory packing, pp. 432-486; Conditions and facilities at ports throughout the world, pp. 487-530.
"Prepared to provide a comprehensive manual describing the basic principles of packing export merchandise." Foreword.
547. Michigan. Dept. of agriculture, Bureau of foods and standards. Standard grades for fruits and vegetables. 46 pp. Lansing, Mich. [1937]
Includes grades for apples, peaches, pears, grapes, cantaloupes, potatoes, and tomatoes, and standards for baskets, barrels, and crates.
548. National association of marketing officials. Transition in marketing procedure; terminal markets, packaging of

produce... Proceedings of the twentieth annual meeting, November, 1938, Hotel Carter, Cleveland, Ohio. 63 pp. Trenton, N. J. [1939?]

Desirable types of pack and packages are discussed from the standpoint of the producer, the wholesale merchant, the retailer, and the consumer. The subject of standardization of packages from a weights and measures standpoint was included in the program.

549. Neubrech, W. LeRoy. American wooden boxes and crates. 35 pp., illus. U. S. Dept. of commerce, Bureau of foreign and domestic commerce, Trade promotion series no. 188. Washington, U. S. Govt. print. off., 1938.

Partial contents: Merits of the wooden box and crate; The wooden box in agriculture.

550. New York (State). Dept. of agriculture and markets. Agriculture and markets law, annotated, revised as of September 1, 1940. 146 pp. Albany [1940]

In addition to legislation, this document contains the standard grades and rules and regulations promulgated by the New York State Commissioner of Agriculture and Markets for apples, grapes, potatoes, and dried apples.

551. Pailthorp, R. R. How federal grades for fresh fruits and vegetables are being adapted to consumers' needs. 4 pp., processed. U. S. Dept. of agriculture, Agricultural marketing service. [Washington, D. C., 1940]

Address, National Association of Marketing Officials, Washington, D. C., April 22, 1940.

Discusses consumer grades, and outlines what the United States Department of Agriculture has accomplished in the field of standardization of fresh fruits and vegetables.

552. Peck, G. W. Harvesting and packing apples, peaches and pears. 32 pp., illus. N. Y. (Cornell) Agr. Col. Ext. Serv. Bul. 257. Ithaca, May 1933.

Partial contents: Grading and packing, pp. 13-25; Packing houses, pp. 25-30.

553. Pennsylvania. Dept. of agriculture, Bureau of markets. Official grades for fruits and vegetables in Pennsylvania. 107 pp. [Harrisburg] 1937.

Standard grades for fresh fruits and vegetables and raw cannery products.

Includes grades for apples, asparagus, cabbage, cherries for manufacture, sweet corn for canning, grapes, mushrooms, maple syrup, maple sugar, peaches, canning peas, pears, potatoes, raspberries, strawberries, and tomatoes.

554. Rogers, S. S. The value of strict standardization laws and their rigid enforcement. Calif. Dept. Agr. Bul., v. 27, no. 2, pp. 158-165. Sacramento, Apr.-June 1938.
- "Inspection of citrus for damage caused by serious freezing injury in 1937 was by far the most intensive standardization program ever undertaken in California, and the results clearly show the value of proper and adequate inspection by a force of well trained officials.
- "It is exceedingly difficult to estimate with any certainty the returns to growers as a result of this very intensive inspection program. Some of the leading authorities in the industry have estimated that due to the strict enforcement of those provisions of the Agricultural Code pertaining to freezing injury, California citrus producers realized from twenty to thirty million dollars more than they would have received had quantities of frozen fruit reached eastern markets. This estimate is not based entirely on the 1937 market but takes into consideration the potential effect during the next two or three years had the program outlined by the Department of Agriculture not been carried out."
- Pages 164, 165.
555. Spangler, Raymond L. Present status of State legislation in the United States as it relates to the standardization of fresh fruits and vegetables. 34 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. Washington, D. C., Dec. 1938.
- Partial contents: Table 2. - States which have enacted special standardization laws pertaining to specific products, p. 6; Table 4. - State requirements for the marking of fruit and vegetable containers, pp. 24-34.
556. Spilman, H. A. Work under the Perishable Agricultural Commodities Act. 6 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. [Washington, D. C.] 1938.
- Address, United Fresh Fruit and Vegetable Association, New Orleans, Louisiana, January 12, 1938.
557. U. S. Dept. of agriculture, Agricultural marketing service. The ABC of canned fruit and vegetable grade labeling. 4 pp., processed. [Washington, D. C.] Jan. 1941.
558. U. S. Dept. of agriculture, Agricultural marketing service. Continuous factory inspection experiment and labeling of canned fruits and vegetables in terms of U. S. standards. 6 pp., processed. Washington, D. C., Sept. 1941.
- "Many questions are asked by individuals interested in the continuous factory inspection experiment and in U. S. grade labeled canned fruits and vegetables. An

attempt has been made to answer briefly the more important of these questions." Page 1.

559. U. S. Dept. of agriculture, Agricultural marketing service. List of manufacturers of fruit and vegetable hampers and baskets, including manufacturers' identification numbers. (Revised to April 1941.) 18 pp., processed. Washington, D. C., Apr. 1941.

This list of manufacturers was compiled from an index of manufacturers maintained by the Agricultural Marketing Service in connection with the administration of the Federal Standard Container Acts of 1916 and 1928, and is confined to the manufacturers of containers regulated by these acts.

560. U. S. Dept. of agriculture, Agricultural marketing service. Rules and regulations (as amended) of the Secretary of agriculture governing the grading and certification of canned fruits and vegetables. 10 pp. [Washington, D. C., U. S. Govt. print. off.] Issued Nov. 1939. (Service and regulatory announcements 155.)

See item 566 for rules and regulations governing the inspection and certification of fresh fruits and vegetables.

561. U. S. Dept. of agriculture, Agricultural marketing service. Rules and regulations governing the inspection and certification of beans and peas. 14 pp., processed. Washington, D. C. Revised effective Sept. 5, 1939.

"Beans and peas shall include dry edible beans; soybeans; cowpeas; dry peas, whole and split; and similar dry leguminous seeds used for food, feed, or manufacturing purposes." Page 4.

562. U. S. Dept. of agriculture, Agricultural marketing service. Rules and regulations of the Secretary of agriculture for the enforcement of the Perishable Agricultur[al] Commodities Act, 1930, as amended. 29 pp. [Washington, D. C., U. S. Govt. print. off.] Reprinted with amendments Aug. 1941. (Service and regulatory announcements 121. Code of Fed. Regs., title 7, ch. I, pt. 46.)

563. U. S. Dept. of agriculture, Agricultural marketing service. Rules and regulations of the Secretary of agriculture for the enforcement of the Produce Agency Act. 4 pp. [Washington, D. C., U. S. Govt. print. off.] Reprinted with amendments Nov. 1940. (Service and regulatory announcements 107. Code of Fed. Regs., title 7, ch. I, pt. 47.)

564. U. S. Dept. of agriculture, Agricultural marketing service. Rules and regulations of the Secretary of agriculture under the United States Standard Container Act of August 31, 1916 (39 Stat. 673), as amended June 11, 1934 (48 Stat. 930). 4 pp. Issued Sept. 1917, revised Apr. 1927 and July 1936, reprinted Mar. 1941. (Service and regulatory announcements 104, revised. Code of Fed. Regs., title 7, ch. I, pt. 41.)
565. U. S. Dept. of agriculture, Agricultural marketing service. U. S. standards for food products. 9 pp., processed. Washington, D. C., June 1941.
Contains a check list as of June 1941. Subsequent information on standards is included in the monthly periodical "Marketing Activities," issued by the Agricultural Marketing Service.
Partial contents of "Check list of U. S. Standards for food products, June 1941," beginning on page 3:
Fruits and Vegetables, Canned
*Apples. Recommended 1938; revision 1940.
*Apple juice. Recommended 1941.
Apple sauce. Recommended 1932; last revision 1934.
*Apricots. Recommended 1936; revision 1941.
*Asparagus. Recommended 1936; revision 1940.
*Beans, dry. Recommended 1933; revision 1934.
*Beans, Lima. Recommended 1931; last revision 1936.
Beans, snap. Recommended 1928; last revision 1933.
*Beets. Recommended 1929; last revision 1940.
*Blackberries. Recommended 1940.
*Carrots. Recommended 1932; last revision 1940.
Cherries, red sour pitted. Recommended 1933; revision 1940.
Cherries, sweet. Recommended 1936; revision 1940.
Corn, cream-style. Recommended 1928; last revision 1932.
Corn, whole-grain. Recommended 1928; last revision 1932.
*Figs, Kadota. Recommended 1941.
*Fruit cocktail. Recommended 1941.
Grapefruit. Recommended 1931; revision 1934.
*Grapefruit juice. Recommended 1936.
*Mushrooms. Recommended 1931; revision 1935; revision 1939.
*Okra. Recommended 1933.
*Olives, ripe. Recommended 1941.
*Olives, salt cured oil coated. (Bulk, canned, or bottled). Recommended 1940.

- *Olives, processed, Sicilian style. (Bulk. canned. or bottled). Recommended 1940.
- *Orange juice. Recommended 1941.
- *Peaches, freestone. Recommended 1940.
- Peaches, yellow clingstone. Recommended 1935; revision 1940.
- Pears. Recommended 1936; revision 1940.
- Peas. Recommended 1928; last revision 1933.
- *Peas, black-eye. Recommended 1939.
- *Pickles, cucumber. (Canned, bottled, or barrelled). Proposed 1941.
- *Pimientos. Recommended 1933.
- *Plums. Recommended 1936; revision 1940.
- *Potatoes, sweet. Recommended 1934.
- *Pumpkin or Squash. Recommended 1929; revision 1934.
- *Raspberries, red. Recommended 1940.
- *Sauerkraut. Recommended 1930; revision 1933.
- *Sauerkraut. (Barrelled or bulk). Recommended 1935.
- *Spinach. Recommended 1928; revision 1933.
- *Succotash. Recommended 1932.
- Tomatoes. Recommended 1928; last revision 1941.
- *Tomato catsup. (Canned or bottled). Recommended 1934.
- *Tomato juice. (Canned or bottled). Recommended 1934, revision 1938.
- *Tomato pulp. Recommended 1932; revision 1934.
- Fruits and Vegetables, Dried
 - *Apples. Recommended 1940.
 - *Apricots. Recommended 1941.
 - *Prunes. Recommended 1939.
- Fruits and Vegetables, Fresh
 - Anise, sweet. Recommended 1930.
 - Apples. Recommended 1918; last revision 1937.
 - Apricots. Recommended 1928.
 - Artichokes. Recommended 1926.
 - Asparagus. Recommended 1922; last revision 1941.
 - Beans, snap. Recommended 1924; last revision 1940.
 - Beans, Fava (Fava) fresh. Recommended 1931.
 - Beans, Lima. Recommended 1938.
 - Beets, bunched. Recommended 1924; last revision 1927.
 - Beets, topped. Recommended 1934.
 - Broccoli, Italian sprouting. Recommended 1930; last revision 1940.
 - Cabbage. Recommended 1921; last revision 1939.

Cantaloups. Recommended 1923; last revision 1937.
Carrots, bunched. Recommended 1924; last revision 1937.
Carrots, topped. Recommended 1926; last revision 1928.
Cauliflower. Recommended 1922; last revision 1939.
Celery. Recommended 1922; last revision 1938.
Cherries, sweet. Recommended 1926; revision 1927.
Citrus Fruits, Florida. Recommended 1923; last revision 1940.
Citrus Fruits, Texas. Recommended 1929; last revision 1940.
Corn, green. Recommended 1926; revision 1927.
Cucumbers, greenhouse. Recommended 1934.
Cucumbers, slicing. Recommended 1922; last revision 1941.
Dewberries and Blackberries. Recommended 1926; revision 1928.
Eggplant. Recommended 1925; revision 1933.
Endive or Escarole or Chicory. Recommended 1928; revision 1933.
Garlic. Recommended 1927; revision 1934.
Grapes, American eastern type bunch. Recommended 1925; last revision 1930.
Grapes, juice. Recommended 1923; last revision 1939.
Grapes, sawdust pack. Recommended 1925; last revision 1939.
Grapes, table. Recommended 1923; last revision 1939.
Grapefruit, California and Arizona. Recommended 1929; revision 1941.
Honey Dew and Honey Ball Melons. Recommended 1927; last revision 1937.
Horseradish roots. Recommended 1936.
Kale. Recommended 1934.
Lemons. Recommended 1938; last revision 1941.
Lettuce. Recommended 1922; last revision 1934.
Lettuce, greenhouse, leaf. Recommended 1934.
Limes (Persian) Tahiti. Recommended 1939.
Mushrooms. Recommended 1928.
Mustard Greens. Recommended 1928.
Nectarines. Recommended 1938.
Okra. Recommended 1928.
Onions, Bermuda. Recommended 1918; last revision 1937.
Onions, Creole. Recommended 1926; last revision 1941.

- Onions, Northern grown. Recommended 1920;
last revision 1939.
- Onion Sets. Recommended 1935; last revision
1940.
- Oranges, California and Arizona. Recommended
1929; last revision 1941.
- Parsley. Recommended 1930.
- Peaches. Recommended 1922; last revision
1933.
- Pears. Recommended 1924; last revision 1940.
- Peas, fresh. Recommended 1926; last revision
1934.
- Peppers, sweet. Recommended 1923; revision
1929.
- Pineapples. Recommended 1924; revision 1931.
- Pineapples, Porto Rican. Recommended 1931.
- Plums and Prunes. Recommended 1923; last
revision 1937.
- Potatoes. Recommended 1917; last revision
1940.
- Potatoes, sweet. Recommended 1920; last
revision 1937.
- Radishes, bunched. Recommended 1926.
- Raspberries. Recommended 1931.
- Rhubarb (field grown). Recommended 1933.
- Romaine. Recommended 1928.
- Shallots, bunched. Recommended 1927; last
revision 1940.
- Spinach. Recommended 1925; last revision
1931.
- Strawberries. Recommended 1918; last revision
1934.
- Tomatoes, fresh. Recommended 1922; last
revision 1934.
- Tomatoes, greenhouse. Recommended 1934.
- Turnip Greens. Recommended 1928.
- Turnip, bunched. Recommended 1924; revision
1927.
- Turnips or Rutabagas, topped. Recommended
1933; revision 1935.
- Watermelons. Recommended 1923; last revision
1939.
- Fruits and Vegetables, Fresh, for Processing
- Apples, cannery. Recommended 1930.
- Asparagus, for canning or freezing. Recommended
1937.
- Beans, snap, for canning or freezing. Recommended
1938; last revision 1940.
- Cabbage, for sauerkraut manufacture. Recommended
1932; revision 1933.

Cherries, red sour, for manufacture. Recommended 1931; last revision 1941.
Corn, sweet for canning. Recommended 1932; last revision 1935.
Cucumbers, for pickling. Recommended 1936.
Pears, for canning. Recommended 1939.
Spinach, cannery. Recommended 1930; revision 1931.
Strawberries, growers stock for manufacture. Recommended 1935.
Strawberries, washed and sorted for freezing. Recommended 1935.
Tomatoes, canning. Recommended 1923; last revision 1938.
Tomatoes, for manufacture of strained tomato products. Recommended 1933.

Nuts

Peanut Butter. Proposed 1941.
Peanuts, shelled White Spanish. Recommended 1921; last revision 1939.
Peanuts, shelled runner. Recommended 1925; last revision 1939.
Peanuts, shelled Virginia type. Recommended 1932; last revision 1935.
Peanuts, cleaned (unshelled) Virginia type. Recommended 1932; last revision 1935.
Pecans, shelled. Recommended 1938.
Pecans, unshelled. Recommended 1930; last revision 1938.
Walnuts, English, shelled. (*Juglans regia*). Recommended 1939.
Walnuts, English, unshelled. (*Juglans regia*). Recommended 1939.

"The Agricultural Marketing Service administers the Standard Containers Acts of 1916 and 1928. Under these acts mandatory standards have been established for the following containers when used in marketing foods in interstate commerce:

Climax Baskets. Promulgated 1916; amended 1934.
Berry Boxes. Promulgated 1916.
Till Baskets. Promulgated 1916.
Hampers. Promulgated 1928.
Round Stave Baskets (including straight-side baskets). Promulgated 1928.
Splint or Market Baskets. Promulgated 1928."

566. U. S. Dept. of agriculture, Bureau of agricultural economics. Rules and regulations of the Secretary of agriculture governing the inspection and certification of fruits, vegetables, and other products. 7 pp. [Washington, D. C.,

U. S. Govt. print. off.] Revised June 1936, issued Aug. 1936. (Service and regulatory announcements 93, second revision.)

Four mimeographed amendments had been issued by November 1941.

This material is now available from the U. S. Agricultural Marketing Service, which became responsible for this activity effective July 1, 1939.

See item 560 for rules and regulations governing the grading and certification of canned fruits and vegetables.

567. U. S. Dept. of agriculture, Bureau of agricultural economics. Rules and regulations of the Secretary of agriculture under the United States Standard Container Act of 1928. 5 pp. [Washington, U. S. Govt. print. off.] Issued Nov. 1928. (Service and regulatory announcements 116. Code of Fed. Regs., title 7, ch. I, pt. 41.)

Two amendments, processed, had been issued by November 1941.

This material is now available from the U. S. Agricultural Marketing Service, which became responsible for this activity effective July 1, 1939.

568. U. S. Dept. of agriculture, Bureau of agricultural economics. Table of number of packages per carload. 32 pp., processed. Washington, D. C., Feb. 1937.

"The information shown in this tabulation was compiled chiefly from records in the Bureau of Agricultural Economics relating to the Federal-State inspection service for fruits and vegetables and from reports of supervising inspectors and other Federal and State representatives. Shippers and handlers cooperated." Foreword.

569. U. S. Dept. of labor, Consumers' project. Analysis of condition, quality, and size requirements of United States and State standards for fresh fruits and vegetables... 19 pp. Washington, U. S. Govt. print. off., 1937.

"In ... 25 charts an attempt is made to provide students, graders, buyers for institutions and cooperatives, consumers, and other interested persons, with a graphic presentation of the chief requirements of Federal and State standards for fresh fruits, vegetables, nuts..." Foreword.

570. U. S. National bureau of standards. Cans for fruits and vegetables (names, dimensions, capacities, and designated use); simplified practice recommendation R155-40 [supercedes R155-37] Effective date, September 1, 1940. 28 pp. At head of title: U. S. Dept. of commerce. Washington, U. S. Govt. print. off., 1941.

"This simplified practice recommendation, covering sizes and designated use of cans for packing fruits and vegetables, was proposed and developed by the Committee on Simplification of Containers, of the National Canners' Association, whose members are users of cans, and is based on a comprehensive survey of existing practice.

"The can sizes shown herein ... have been accepted and approved by representative canners, canned-food distributors, can manufacturers, and others for promulgation by the United States Department of Commerce, through the National Bureau of Standards, with the provision that a representative standing committee of the industry review the recommendation, from time to time, for the purpose of revising it when necessary to keep the schedule abreast of new advances in the industry." Promulgation.

571. U. S. Tariff commission. Commodity packaging data; a guide to current practices in the packaging of typical commodities that move in domestic and international trade. WPA statistical project 365-31-3-1, Richmond, Virginia. 161 pp., processed. Washington, Dec. 1937.
Partial contents: Agricultural and fishery commodities, [and] manufactures thereof, pp. 97-134.
572. Williams, Paul M. Federal grading of Ohio canned foods. 7 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. [Washington, D. C., 1936]
Address, Canners' Conference and Short Course, Ohio State University, Columbus, Ohio, February 19, 1936.
573. Williams, Paul M. Government grading of canned fruits and vegetables. Questions and answers. 16 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics, Division of fruits and vegetables. Washington, D. C., June 1936.
574. Williams, Paul M. Labeling processed foods in the terms of U. S. grades. 9 pp., processed. U. S. Dept. of agriculture, Agricultural marketing service. [Washington, D. C., 1941]
Address, meeting of Better Business Bureau Executives, National Association of Better Business Bureaus, Inc., Los Angeles, California, June 25, 1941.
Partial contents: Why ABC grades; Descriptive labeling.
575. Williams, Paul M. Shall we buy canned food by guess or by grade? 5 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. [Washington, D. C., 1938]

Address, Home Interests Conference, Oregon Agricultural College, Corvallis, Oregon, February 9, 1938.

576. Williams, Paul M. Suggested outline for specifications for purchasing canned fruits and vegetables. 20 pp., processed. For The Consumers' project. U. S. Dept. of labor. Washington, D. C., May 1938.
577. Winter, J. D., Alderman, W. H., and Waite, Warren C. Packing Minnesota fruits for market. 16 pp., illus. Minn. Univ. Agr. Ext. Div. Spec. Bul. 184. [University Farm, St. Paul] Feb. 1937.

"This publication comprises a study of the different types of fruit packages on the market, with particular reference to their adaptability for marketing Minnesota-grown fruits. The actual marketing of fruit in different types of containers was included as a part of the project, to determine the market value of the various types of packages used." Page 2.

Containers for apples, plums, raspberries, and strawberries are discussed.

See also Item 104 - Information on carloadings, containers, varieties, and grades of fruits and vegetables; Item 176 - Connecticut apple grading law and official grades; Item 177 - A study of apple containers; Item 191 - Influence of packing and handling methods on condition of apples barreled for export; Item 193 - An experiment in packing Ohio apples; Item 200 - The Missouri apple labeling law and the Missouri-U. S. grades for apples; Item 201 - The why and how of apple grades; Item 207 - Preparing apples for market in barrels and baskets; Item 225 - Packaging problems of eastern apple growers; Item 226 - Apple prices in relation to variety, method of sale, grade, size, and type of container; Item 375 - The development of cannery asparagus grading in New Jersey; Item 377 - Marketing cannery asparagus by grades in New Jersey; Item 414 - Marketing Pennsylvania potatoes in fifteen-pound containers; Item 415 - Potato grading; Item 419 - Potato inspections in retail stores; an analysis of inspections in 14 cities of up-State New York, 1936-37 season; Item 439 - Size of potato sacks in general use; Items 445 and 485 - Consumer preferences and retail practices as they affect grading and marketing by potato cooperatives; Item 471 - Marketing potatoes in consumer packages; Item 499 - Marketing cannery tomatoes on grade in Ohio; Item 500 - Marketing Ohio tomatoes to processors on grades, 1930-1940; Item 502 - Contracting for cannery tomatoes by grade.

MARKETS

578. Allred, Charles E., Luebke, B. H., and Crawford, W. S. Knoxville wholesale fruit and vegetable market. Part I. Buyers and buying problems. 34 pp., processed. Tenn. Agr. Expt. Sta. Econ. and Rural Sociol. Dept. Monog. 115. Knoxville, Sept. 20, 1940.
"This is the first of a series of proposed reports on the Knoxville Market..."
"This study was undertaken to obtain basic data helpful in planning for an efficient and adequate wholesale market for the Knoxville region." Page 1.
579. Allred, Charles E., Luebke, B. H., and Crawford, W. S. Knoxville wholesale fruit and vegetable market. Parts II-IV. Tenn. Agr. Expt. Sta. Econ. and Rural Sociol. Dept. Monog. 118-120, processed. Knoxville, 1940.
No. 118. Taxes and regulations. 22 pp.; No. 119. Supply. 38 pp.; No. 120. Facilities. 30 pp.
580. Armentrout, W. W. Charleston as a market for fruits and vegetables. 40 pp. West Va. Agr. Expt. Sta. Bul. 279. Morgantown, Jan. 1937.
The primary object of this study was to obtain data concerning opportunities for marketing fruits, vegetables, and other farm produce on the Charleston market which might serve as a guide in formulating the agricultural production plans of the Red House Homestead (a resettlement colony established by the West Virginia Relief Administration) and of farmers in the Charleston area. Data were assembled showing the origins of products then supplying the market, prices received for various products, and market preferences and practices. Page 3.
581. Bishop, George. The Hornell public market, 1936. 8 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 228. Ithaca, Sept. 1938.
582. Bishop, George. The Kingston public market, 1936. 16 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 222. Ithaca, Sept. 1938.
583. Bishop, George. The Lockport public market, 1936. 11 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 224. Ithaca, Sept. 1938.
584. Bishop, George. The Middletown public market, 1936. 10 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 227. Ithaca, Sept. 1938.

585. Bishop, George. The North Tonawanda public market, 1936. 10 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 226. Ithaca, Sept. 1938.
586. Bishop, George. The Norwich public market, 1936. 10 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 223. Ithaca, Sept. 1938.
587. Bishop, George. The Olean public market, 1936. 9 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 225. Ithaca, Sept. 1938.
588. Bishop, George. A synopsis of eight farmers' retail markets, New York State, 1936. 12 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 220. Ithaca, Sept. 1938.
Partial contents: Favorable and competitive market factors; The consumer on the farmers' retail markets, 1936; The Oswego public market; The Corning market.
589. Bishop, George. The Watertown public market, 1936. 27 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 221. Ithaca, Sept. 1938.
590. Bond, M. C. Farmers' cooperative public markets. Amer. Inst. Coop. Amer. Coop., 1935: 403-411.
591. Burdette, R. F., and DeVault, S. H. The Baltimore wholesale fruit and vegetable markets. Md. Agr. Expt. Sta. Bul. 409, pp. 389-444. College Park, May 1937.
"There is a feeling among growers, consumers and members of the trade that the greatest possibilities for improvement in marketing and reduction in cost of distribution can be accomplished through improvements in the wholesale markets." It was for this reason that this study was undertaken. Page 390.
The purpose of the study was to obtain information that would aid in solving the marketing problems of Baltimore City.
592. Calhoun, W. T., and Armentrout, W. W. The fruit and vegetable market of Huntington, West Virginia. 17 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. Washington, D. C., Oct. 1940.
In cooperation with University of West Virginia, College of Agriculture.
This report is based on a survey made at the request of the Chamber of Commerce of Huntington.
Partial contents: Type of market needed; Essentials of a good wholesale market; Facilities needed for a wholesale market in Huntington; Potential revenues;

Where should a wholesale market be built?; Kind of management and regulations needed.

For supplementary report, see item 605.

593. Calhoun, W. T., and Schweiter, L. H. The wholesale fruit and vegetable market of St. Louis. 62 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. Washington, D. C., Aug. 1941.

In cooperation with University of Missouri, College of Agriculture.

Kind of management and regulations needed, pp. 54-58.

"The study on which this report is based was made cooperatively by the United States Department of Agriculture and the Missouri Agricultural Experiment Station, at the request of 35 wholesale fruit and vegetable dealers in St. Louis. Results of the study are being published in two reports, this one by the Department of Agriculture, and the other a publication of the Missouri Agricultural Experiment Station, Research Bulletin No. 327, entitled "Market Organization and Costs in the St. Louis Wholesale Fruit and Vegetable Market." Acknowledgements. (See item 624 for a reference to Research Bulletin 327.)

594. Clarke, George B. The fruit and vegetable marketing situation in Connecticut. 12 pp. Conn. Agr. Col. Ext. Bul. 250. Storrs, Jan. 1938.

Partial contents: Market outlets; Retail stores as patrons of farmers' markets; Extent to which Connecticut growers supply their own market; The four principal Connecticut markets for fruit and vegetables; Regional market developments.

595. Clarke, George B. Marketing fruits and vegetables in Connecticut with special reference to the Hartford. Bridgeport and Waterbury markets. 70 pp. Conn. Agr. Expt. Sta. Bul. 217. Storrs, Mar. 1937.

The study includes the subjects of buying practices of retail stores in the three cities and the volume and variety of their purchases of fruits and vegetables during the native season, a comparison of local and shipped-in receipts, a 1935 farm survey of market gardeners, and the question of where a regional market should be located.

596. Clarke, George B. Marketing fruits and vegetables in Connecticut with special reference to the New Haven market. 56 pp. Conn. Agr. Expt. Sta. Bul. 205. Storrs, Aug. 1935.

Study includes sales on both the morning market and the night market. The morning market is used to serve New Haven and its suburbs only. Surplus products are sold on the night market, most of the buying there being for resale at markets in New York, Boston, Providence, and other markets outside Connecticut.

597. Crocheron, Bertram H., and Norton, W. J. Fruit markets in eastern Asia. 366 pp., illus. Calif. Agr. Expt. Sta. Bul. 493. Berkeley, Apr. 1930. (Contribution from the Giannini foundation of agricultural economics.)

"This report seeks to answer the question whether demands exist or might be created among Oriental peoples by which, through methods now used or others which might be brought into existence, our markets in the Far East could be increased to a point whereby the economic situation among fruit growers would be materially improved. It also, to a lesser degree, seeks to offer suggestions as to how our present normal export business may be increased." Page 27.

The study includes the fruit markets in Japan, Korea, China, the Philippine Islands, French Indo-China, Siam, British Malaya, the Netherland East Indies, the Indian Empire, and Ceylon.

598. Crouch, Harry E. Public necessity calls for federal aid in modernizing terminal markets; report prepared at the request of a committee made up of representatives of TERA, the U. S. Bureau of agricultural economics and Economics extension division. 19 pp., typewritten. [Albany?] New York, Feb. 1935.

Partial contents: Experiences in building terminals, pp. 5-12; The regional market authority plan of ownership and control, pp. 13-15; Suggestions on a national program, pp. 16-17.

599. Crow, William C. Improvements in terminal markets. 8 pp., processed. [Washington, D. C.] U. S. Dept. of agriculture, Bureau of agricultural economics. [Washington, D. C.] 1938.

Address, Atlantic States Division of National Association of Marketing Officials, Washington, D. C., April 25, 1938.

600. Crow, William C. Markets for southern farmers. Land Policy Review 2(3): 1-55. May-June 1939.

Describes need for an adequate marketing system in the Southeast for expanding fruit and vegetable production. Tells of the study being made for the purpose of formulating an adequate plan.

A map shows the general distribution of fruits and vegetables by motortrucks from the Sanford State Farmers' Wholesale Market, Sanford, Florida.

601. Crow, William C. Our wholesale markets; weaknesses and indicated improvements. 8 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. [Washington, D. C., 1938]
Address, Canadian Fruit and Vegetable Jobbers' Association, London, Ontario, Canada, January 19, 1938.
602. Crow, William C. The South's need for improved methods of marketing its products. 9 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. [Washington, D. C., 1940]
Address, 41st annual convention, Association of Southern Agricultural Workers, Birmingham, Alabama, February 7, 1940.
Concentration markets in South, pp. 3-6.
603. Crow, William C. The wholesale fruit and vegetable market in Kansas City. 35 pp., processed, illus. U. S. Dept. of agriculture, Bureau of agricultural economics. Washington, D. C., Aug. 1937.
"This is a report on conditions in the wholesale fruit and vegetable market in Kansas City, together with an analysis of proposals for a new market."
Foreword.
604. Crow, William C. Wholesale markets for fruits and vegetables in 40 cities. 142 pp., illus. U. S. Dept. Agr. Cir. 463. Washington, D. C. [U. S. Govt. print. off.] Feb. 1938.
The market organization is given for the following cities: Atlanta, Ga.; Baltimore, Md.; Boston, Mass.; Buffalo, N. Y.; Chicago, Ill.; Cincinnati, Ohio; Cleveland, Ohio; Columbus, Ohio; Denver, Colo.; Detroit, Mich.; Fort Worth, Tex.; Hartford, Conn.; Houston, Tex.; Indianapolis, Ind.; Jacksonville, Fla.; Kansas City, Mo.; Los Angeles, Calif.; Memphis, Tenn.; Milwaukee, Wis.; Minneapolis, Minn.; Newark, N. J.; New Haven, Conn.; New Orleans, La.; New York, N. Y.; Norfolk, Va.; Oklahoma City, Okla.; Omaha, Nebr.; Philadelphia, Pa.; Pittsburgh, Pa.; Portland, Oreg.; Providence, R. I.; Rochester, N. Y.; St. Louis, Mo.; St. Paul, Minn.; Salt Lake City, Utah; San Diego, Calif.; San Francisco, Calif.; Seattle, Wash.; Springfield, Mass.; Washington, D. C.
The study includes the trucking of fruits and vegetables within cities.

605. Crow, William C., and Armentrout, W. W. The wholesale fruit and vegetable market of Huntington, West Virginia. (Supplement to the mimeographed report of October 1940.) 26 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. Washington, D. C., Aug. 1941. In cooperation with University of West Virginia, College of Agriculture. Partial contents: What kind of wholesale market does Huntington need?; Where should the Huntington wholesale market be located? The earlier report of October 1940 is listed as item 592 in this bibliography.
606. Crow, William C., Calhoun, W. T., and Park, J. W. The wholesale fruit and vegetable markets of New York City. 123 pp., illus. U. S. Dept. of agriculture, a special report [by the Bureau of agricultural economics and the Agricultural marketing service] Washington, D. C., U. S. Govt. print. off., Apr. 1940. "This report points out some ways to reduce the cost of distributing fresh fruits and vegetables in New York City." Foreword. Partial contents: Why reorganization of the present market will not do; Kind of facilities needed; Where should the market be built?; Estimates of savings a modern market would bring; Operating expense and sources of revenue in a new market; Summary of conclusions.
607. Davis, I. G., and Waugh, Frederick V. Connecticut market demand for vegetables. Conn. Agr. Expt. Sta. Bul. 138, pp. 23-48. Storrs, Mar. 1926. "This study attempts to measure the extent of the demand of Connecticut markets for certain vegetable crops which are now grown to some extent in the state." Page 23.
608. Decker, S. W., and Lloyd, J. W. The market for fresh fruits and vegetables in Peoria. 112 pp. Ill. Agr. Expt. Sta. Bul. 435. Urbana, June 1937. The subjects covered by the study include the wholesale fruit and vegetable markets in Peoria, outside sources and retail sale of fresh produce, surveys of private families and of eating establishments, and the Peoria central market.
609. Deegan, John F. Changes in terminal market agencies and practices. Amer. Inst. Coop. Amer. Coop., 1932: 357-365.

610. Detroit. Dept. of public welfare, Municipal bureau of markets. Activity report of the Municipal bureau of markets for the four calendar years of 1933 to 1936 inclusive. 23 pp., processed. [Detroit, 1937?]
611. Deupree, Robert G. The wholesale marketing of fruits and vegetables in Baltimore. 125 pp. Baltimore, Johns Hopkins press, 1939. (Johns Hopkins university studies in historical and political science. Under the direction of the departments of history, political economy, and political science. Series 57, no. 2.)
Bibliography in footnotes on pages 10, 11, 12, 13.
"The primary purpose of this study of the Baltimore wholesale fresh fruit and vegetable market is to analyze the organization and operations of the middlemen functioning therein." Introduction.
Contents: Services rendered in the Baltimore market; Physical facilities; The middlemen and their operations; Price-making; Conclusions.
612. Donaldson, R. B. Philadelphia wholesale fruit and vegetable markets. 56 pp., illus. Pa. Agr. Expt. Sta. Bul. 349. State College, May 1937.
Partial contents: Philadelphia as a receiving market for Pennsylvania-grown produce; Philadelphia as a distributing market to secondary cities of Pennsylvania.
613. Duddy, Edward A., and Revzan, David A. The location of the South Water wholesale fruit and vegetable market in Chicago. Jour. Business Univ. Chicago 12(4, pt. 1): 386-412; 13(1, pt. 1): 39-55; Oct. 1939, Jan. 1940.
614. Duddy, Edward A., and Revzan, David A. The physical distribution of fresh fruits and vegetables. 92 pp., 10 unnumb. 1. Chicago, Ill., University of Chicago press [1937] (Studies in business administration, v. 7, no. 2. Published also in Jour. Business Univ. Chicago 10(1, pt. 2): 1-92; Jan. 1937.)
"The chapters contained in this monograph must be considered a fragment of a larger study which the authors have projected and are at work upon. In giving special attention to the Chicago market it is the intention of the authors to bring the present study into line with three previous monographs in 'Studies in Business Administration' and with other published articles dealing with the central market." Preface.
Contents: Economic and social bases of the commercial fruit and vegetable industry; The growth of the commercial fruit and vegetable industry; The market distribution of fruits and vegetables; The Chicago wholesale market for fruits and vegetables.

615. Duddy, Edward A., and Revzan, David A. Transportation and marketing facilities for fresh fruits and vegetables in Chicago. Jour. Business Univ. Chicago 12(3, pt. 1): 280-297. July 1939.

Discusses Chicago wholesale markets, principally the South Water Market. Deals also with the Randolph Street Market and the South State Street Market.

616. Duddy, Edward A., and Revzan, David A. The use of transportation facilities in the Chicago fruit and vegetable market. Jour. Business Univ. Chicago 13(3, pt. 2): 1-86. July 1940. (Studies in business administration, v. 10, no. 4.)

"The purpose of this monograph is to describe critically the use made of transportation facilities available for fruits and vegetables in relation to the present and probable future requirements of the Chicago wholesale market." Page 1.

617. Eberle, A. M., and Dolve, Mary A. Farm women's markets. 17 pp. S. Dak. [Agr. Col.] Ext. Serv. Cir. 332. Brookings, Apr. 1933.

"This circular is intended to answer the questions as to methods of organization, what to sell, how to manage a market, and also to describe the markets already in existence in South Dakota." Page 1.

618. Fawcett, K. I., and Gaylord, F. C. Prices and receipts of fruits and vegetables sold on the Terre Haute producers market. 15 pp. Ind. Agr. Expt. Sta. Bul. 455. Lafayette, Oct. 1940.

"A survey was organized to determine the following:

1. Volume of sales on the Terre Haute Market.
2. Origin of the fruits and vegetables being sold.
3. The amount of produce trucked into the market.
4. Who purchased on the market. 5. The prices of various fruits and vegetables." Page 3.

619. Ferguson, Donald B. Information on the marketing of farm produce at five regional markets in upstate New York, summer, 1938. 34 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 288. Ithaca, Dec. 1939.

The five markets studied are at Menands, Syracuse, Rochester, Buffalo, and Newburgh.

620. Frederick, John Hutchinson. Agricultural markets. 289 pp. New York, Prentice-Hall, inc., 1937.

Partial contents: Direct marketing of fruits and vegetables, pp. 202-217; The country fruit and vegetable market, pp. 218-235; The city fruit and vegetable market, pp. 236-248.

"This book is designed as a text particularly for the student of agricultural marketing who, because of differences between individual agricultural markets, feels the need for a more detailed description than is found in most works on the general subject of marketing. ...the attempt is made to deal with the strategy, tactics, and technique of the long-established markets for agricultural products, and to show the workings which must take place with or without artificial price stimulations, price restrictions, and the like." Foreword.

621. Gabriel, Harry S. A study of the Wilmington curb market. 50 pp. Del. Agr. Expt. Sta. Bul. 191. Newark, Nov. 1934.
Some possible products and practices that might be given consideration in increasing the income of the curb market, pp. 47-50.
622. Gaylord, Fay C., and Fawcett, K. I. A survey of organizations and methods of operation of twenty Indiana city markets. 28 pp., illus. Ind. Agr. Expt. Sta. Bul. 417. Lafayette, Dec. 1936.
The survey includes five municipal, four private, and eleven cooperative markets.
623. Gearreald, T. H. An analysis of the public market situation in Jamestown, N. Y. 28 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 164. Ithaca, Dec. 1936.
Jamestown is a secondary market which had a population of about 45,000 in 1930. The data given, unless otherwise noted, apply to the year 1935.
624. Haag, H. M., and Schweiter, L. H. Market organization and costs in the St. Louis wholesale fruit and vegetable market. 52 pp. Mo. Agr. Expt. Sta. Research Bul. 327. Columbia, Mar. 1941.
Discussion includes margins and costs of wholesalers and retail service firms.
See also item 593.
625. Hauck, Charles W., and Larzelere, H. E. Costs of marketing fruits and vegetables in the Columbus wholesale curb market. 27 pp. [Ohio State Univ.] Dept. of Rural Econ. and Ohio Agr. Expt. Sta. Mimeogr. Bul. 78. [Columbus] Feb. 1935.
"The present study was undertaken, (1) to ascertain the costs of growers selling locally-grown fruits and vegetables in the municipal wholesale curb market in Columbus, (2) to determine the labor income of these growers for the time spent in marketing, and (3) to compare their costs with the customary charges for the same functions when performed by established wholesaling and jobbing agencies in Columbus." Page 1.

626. Hedden, Walter Page. Proposed reorganization of New York city fruit and vegetable terminal markets. [28] pp., typewritten. [New York] Feb. 13, 1939.

Report by the chief, Bureau of Commerce, The Port of New York Authority.

627. Lachar, George P. Organization and operation of Marsh Market in Baltimore and proposed improvements. Md. Agr. Expt. Sta. Bul. 415, pp. 207-237. College Park, Feb. 1938.

"The purpose of this study was to obtain information on the marketing of perishables on the Marsh Market. It was intended that the study should show the volume of produce handled on the market, the source of receipts, the distribution of receipts, the market practices and their effect on returns to growers, the adequacy and efficiency of the physical facilities, and the interrelationships between supplies and the prices paid by canners and jobbers." Introduction, p. 208.

628. Minneapolis. City planning commission. Report on the proposed development of a wholesale commission market adjoining the existing growers produce market in the city of Minneapolis. 41 pp., processed. [Minneapolis] City planning commission, June 1937.

H. E. Olson, engineer for City Planning Commission.
Plan for wholesale fruit and vegetable market.

629. Monroe, Day, Kyrk, Hazel, and Stone, Ursula Batchelder. Food buying and our markets. 430 pp. New edition, completely revised and enlarged. New York, M. Barrows and company, inc., 1940.

"Suggested readings" at end of each chapter.

Partial contents: Part I. The market, pp. 3-176 - The economic importance of food buying; What is a good food-market?; The retail food market; The chain store; Consumers' co-operative associations; Food marketing costs; Prices and price policies; Brands, labels, and advertisements; Standards and grades; Legal protection of the food buyer; Part II. Foods, pp. 179-419. Included in part II are suggested guides for buying canned foods on pages 200-223, and fruits and vegetables on pages 224-295.

"All those planning to use the book should note that it is not a book on meal planning or on food selection from the nutritive standpoint. It deals entirely with the economic aspects of food purchase. Its study, it is hoped, will suggest the way to the more economical purchase of any type of dietary and will indicate what features of the present market promote and which obstruct intelligent selection. Part II will probably be of the

greater practical value to the individual buyer. The subject matter of Part I, however, is such that it is hoped that not only food buyers but those interested in marketing and price problems in general will find the discussion of value." Preface.

630. National association of marketing officials. Handling of perishable food products in the terminal market. Proceedings of the 17th annual meeting, December 1935, Chicago, Ill. 64 pp. Hartford? Conn., National association of marketing officials [1936]
Partial contents: Developments in marketing, 1935, by A. G. Black, pp. 4-11; Problems in packaging perishable farm produce, by A. J. Lorion, pp. 12-17; Terminal fruit and vegetable auctions in the United States, by Cutler B. Downer, pp. 44-50.
631. New England institute of cooperation. Ninth annual [meeting] ... held at Massachusetts State college, Amherst, Mass., June 9, 10, 11, 1936. 111 pp., processed. Amherst, Mass. State College, n. d.
Partial contents: Section II. Organizing cooperatives to meet chain store demands, by Laurence H. Bevan, pp. 22-29; The development of cooperative regional produce markets in the Northeast and their place in the future of northeastern agriculture, by H. E. Crouch, pp. 29-38; How can the Boston regional market be used most effectively, by Howard S. Russell, pp. 38-41.
632. Onsley, Odille. Markets. 32 pp., illus. Unit study book no. 212. [Columbus, O., New York city, American education press, inc., c1939]
A book on markets written for children.
633. Phillips, Charles F. Supermarket and chain-store food prices. Jour. Business Univ. Chicago 12(4, pt. 1): 323-336. Oct. 1939.
In May and June, 1939, prices were collected from practically all the independent supermarkets and a sample of each of the various kinds of chain food stores in both Syracuse and Utica, New York.
634. Pitt, H. E. Terminal market problems of fruit and vegetable cooperatives - I. Amer. Inst. Coop. Amer. Coop., 1939: 613-618.
635. Price, H. B., Phillips, C. D., and Wrather, S. E. Organization of the Louisville wholesale fruit and vegetable market. 27 pp. Ky. Agr. Expt. Sta. Bul. 368. Lexington, Mar. 1937.
A preliminary report.
See also item 636.

636. Price, H. B., Phillips, C. D., and Wrather, S. E. Organization of the Louisville wholesale fruit and vegetable market. Ky. Agr. Expt. Sta. Bul. 386, pp. 279-312. Lexington, Oct. 1938.

The study was made in order to examine the Louisville market from the standpoint of present-day requirements for marketing fruits and vegetables. It presents the results of inquiries made during 1937. Pages 281, 282.

This bulletin reports a continuation of the study described in Bulletin 368 of the same title, which is item 635 in this bibliography.

637. Quitslund, Ford. Cost of marketing fruits and vegetables, and prices received on the farmers markets at New York City. 12 pp., processed. [n. p.] Feb. 1935.

"These data are based on research conducted jointly by the Division of Cooperative Marketing, Farm Credit Administration, Washington, D. C., and the Department of Agricultural Economics and Farm Management, New York State College of Agriculture." Acknowledgment.

The information is based upon data obtained from growers who marketed fruits and vegetables on New York City farmers markets during the summer of 1934. The data cover the marketing of fruits and vegetables by these growers for the period beginning July 1, 1933, and ending June 30, 1934.

638. Rasmussen, Marius P. Marketing fruits and vegetables on farmers' markets, New York metropolitan district. 60 pp., illus. N. Y. (Cornell) Agr. Expt. Sta. Bul. 709. Ithaca, Dec. 1938.

Partial contents: Type of buyer or sales agency; Net returns and costs of marketing; Marketing in bulk versus in containers; Opinions of growers concerning operations of market; Marketing problems.

639. Rogers, John M. Terminal market problems of fruit and vegetable cooperatives - II. Amer. Inst. Coop. Amer. Coop., 1939: 619-623.

640. Sherman, Caroline B. Is the public market a good civic investment? 8 pp., illus. U. S. Dept. Agr. Leaflet 73. [Washington, U. S. Govt. print. off., 1931]

"The term 'public market' usually means that the market has some kind of city or public support." Page 2.

641. Smith, C. W. Terminal market problems of fruit and vegetable cooperatives - III. Amer. Inst. Coop. Amer. Coop., 1939: 624-628.

642. Thomsen, F. L. The cooperative marketing of fruits and vegetables on the St. Louis market. 52 pp. Mo. Agr. Expt. Sta. Bul. 277. Columbia, Dec. 1929.

As a result of general dissatisfaction over conditions on the St. Louis produce market, the St. Louis County Growers' Cooperative Sales Company, a cooperative commission house, was organized in May 1926. Almost immediately it encountered a great many difficulties. This study was initiated following requests for assistance. Because of the similarity of problems, the findings are largely applicable to other metropolitan markets. Pages 3, 50.

643. Ulrey, Orion. Public produce markets of Michigan. 87 pp., illus. Mich. Agr. Expt. Sta. Special Bul. 268. East Lansing, May 1936.

"During recent years there has been a significant development within Michigan in the number and volume of business of public produce markets, that is, of markets which are open to the sale of produce by farmers to any buyer. Thirty-four such markets were being operated in twenty-five Michigan cities in 1933." Page 3.

644. U. S. Dept. of agriculture, Bureau of agricultural economics. Information on choosing a site for the development of a complete wholesale produce market in Philadelphia. 16 pp., processed. Washington, D. C., Nov. 1939.

Issued by Bureau of Agricultural Economics and Extension Service in cooperation with New Jersey College of Agriculture and Pennsylvania State College.

This report may be considered a supplement to a report released in December 1936 giving the results of a study of the Philadelphia wholesale fruit and vegetable market and indicating steps that might be taken to make this market more efficient in its operation. Page 1.

See the following item for the December 1936 report.

645. U. S. Dept. of agriculture, Bureau of agricultural economics. The Philadelphia wholesale fruit and vegetable market; a study of its organization, facilities, and practices. 46 pp., processed. Washington, D. C., Dec. 1936.

In cooperation with New Jersey College of Agriculture and Pennsylvania State College.

"It should be emphasized that the conclusions in this report should be considered as preliminary. They are intended to serve as a basis for further discussion among members of the trade and among growers. In discussing each of these problems the report attempts to point out the solution that appears to be most practical." Preface.

See the preceding item for a later report issued in November 1939.

646. U. S. Dept. of agriculture, Extension service. Summary of activities, Philadelphia market improvement project, April 15, 1939. 5 pp., processed. [Washington, D. C.] 1939.

Prepared by L. M. Vaughan, Extension Service, U. S. Department of Agriculture in cooperation with R. B. Donaldson and C. K. Hallowell, Pennsylvania; K. R. Slamp and W. S. Moreland, New Jersey; W. C. Crow and E. E. Gallahue, U. S. Department of Agriculture; a group representing the Federal and State Extension Services, the Bureau of Agricultural Economics, and the Consumers' Counsel.

"A study of the organization, facilities, and practices in the Philadelphia Wholesale Fruit and Vegetable Market was made in the summer of 1936. This study was conducted by the marketing research agencies of the United States Department of Agriculture and the New Jersey and Pennsylvania State Colleges of Agriculture. The findings of these research agencies are reported in a publication of the United States Department of Agriculture entitled 'The Philadelphia Wholesale Fruit and Vegetable Market' and Pennsylvania State College Bulletin No. 349." Page 1.

See item 645 in this bibliography for the report made by the Department of Agriculture, and item 612 for the Pennsylvania State College bulletin. See also item 647.

647. U. S. Dept. of agriculture, Extension service. Summary of activities, Philadelphia market improvement project, December 15, 1939. 3 pp., processed. [Washington, D. C., 1940]

This report covers the work of the committee during the 8 months preceding December 15, 1939, and other activities pertaining to activities in the Philadelphia market.

Prepared by L. M. Vaughan, Extension Service, U. S. Department of Agriculture, in cooperation with R. B. Donaldson and C. K. Hallowell, Pennsylvania; K. R. Slamp and W. S. Moreland, New Jersey; and W. Calhoun and E. E. Gallahue, U. S. Department of Agriculture; a group representing the Federal and State Extension Services, the Bureau of Agricultural Economics, and the Consumers' Counsel.

See also item 646.

648. Waugh, Frederick V. Studies of terminal marketing problems. 7 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. [Washington, D. C., 1936]

Address, Annual meeting, National League of Wholesale Fresh Fruit and Vegetable Distributors, Baltimore, January 8, 1936.

649. Weaver, F. P. A survey of some public produce markets in up-state New York. 149 pp., illus. N. Y. (Cornell) Agr. Expt. Sta. Bul. 525. Ithaca, June 1931.
Discusses the markets in Albany, Buffalo, Rochester, Syracuse, and some other cities.
Plans for market layout, pp. 92-101.

ROADSIDE MARKETS

650. Blake, M. A. Experiences in conducting the roadside market of the New Jersey State experiment station. N. J. Agr. Col. Agr. Ext. Serv., New Brunswick. Economic review of New Jersey agriculture, no. 79, pp. 149-153. Oct. 1931.
A roadside stand was erected for the major purpose of disposing of peach crops produced as a result of experimental work in varieties. The products offered for sale were confined largely to peaches and apples.
651. Bond, M. C. Selling farm products through roadside markets. 36 pp., illus. N. Y. (Cornell) Agr. Col. Ext. Serv. Bul. 466. Ithaca, June 1941.
Includes plans for a simple roadside stand, pp. 27-36.
652. DeVault, S. H., and Burdette, R. F. Roadside markets in Maryland. 41 pp., illus. Md. Agr. Expt. Sta. Bul. 365. College Park, July 1934.
Partial contents: Factors influencing sales; Volume of sales; Cooperative farm women's markets; Protection of farmers markets.
Maryland Farm Roadside Association, pp. 32-34.
653. Dougherty, L. A. Suggestions for agricultural roadside stands. [7 pp.] processed. N. H. Univ. Ext. Serv. Cir. 194. Durham, Jan. 1937.
In cooperation with U. S. Department of Agriculture.
Contains plans, material schedules, and estimates of cost for three types of stands: (1) a simple type which can be entirely closed and locked at night; (2) a stand designed to reduce time in rehandling produce to a minimum when the stand is closed for the night; (3) a stand with plenty of display space, good front and side views of display space from the road, and which can be shut and locked for the night.
654. Gabriel, Harry S. Roadside markets in Delaware. 25 pp., illus. Del. Agr. Expt. Sta. Bul. 201. Newark, May 1936.
Partial contents: Customers' viewpoint on roadside markets; A study of special types of packages; Some possible products and practicing that might be given consideration in increasing the income of the roadside markets.

655. Hauck, Charles W., and Herschler, H. M. Roadside marketing of agricultural products by Ohio farmers. 37 pp. Ohio Agr. Expt. Sta. Bul. 521. Wooster, Mar. 1933.
656. Heckman, J. H. The roadside market. 4 pp., illus. Ark. Agr. Col. Ext. Serv. Cir. 306. Little Rock, Mar. 1933.
657. Kahle, H. S. Roadside market survey. 27 pp., processed. N. Y. (Cornell) Agr. Col. A.E. 256. Ithaca, Feb. 1939.
Partial contents: What should a roadside market handle?; Relation between operating expenses and total sales; Factors affecting volume of sales.
658. Massachusetts. Dept. of agriculture, Division of markets. A survey of roadside market selling, including a special analysis of the consumer's attitude; survey made in 1928 by H. T. McCarthy under the direction of L. A. Bevan. Re-edited 1930. 3rd issue 1935. 3, 17, 2, 2 pp., processed. Boston [1935]
Reports based upon a study of 192 farm roadside markets made in 1928, and including a summary of comments from 2,700 consumers.
659. New Hampshire. University, Extension service. Proceedings of the Roadside operators' conference, University of New Hampshire, March 25-26, 1931. 46 pp. N. H. Ext. Bul. 39. Durham, Apr. 1931.
In cooperation with the U. S. Department of Agriculture.
Partial contents: Successful methods of roadside marketing, by Tom Delohery, pp. 14-19; How roadside shops can be turned into money-attracting magnets, by Thomas Dreier, pp. 40-44.
660. Parsons, Franklin L. Roadside marketing of horticultural products in Kansas. 27 pp., illus. Kans. Agr. Expt. Sta. Cir. 194. Manhattan, Nov. 1938.
"It is the purpose of this study to describe Kansas roadside markets, including the various types of roadside market, products handled, costs involved, prices charged, distribution of business, market management, market patronage, advertising and displays." Page 3.
Partial contents: Cooperative farm women's markets, pp. 24-26.
661. Sherman, Caroline B. Roadside markets. 6 pp., illus. U. S. Dept. of agriculture, Leaflet 68. [Washington, D. C., U. S. Govt. print. off.] Slightly revised 1939.
662. Taylor, Frank J. Opportunity by the roadside. Farm Jour. and Farmer's Wife 65(10): 56, 57, 70, 71. Oct. 1941.

"More than a hundred thousand cars stopped last year at a roadside farm market known as Knott's Berry Place, on a highway near Buena Park, 22 miles south of Los Angeles. In exchange for country fried chicken, berry pies, farm produce, nursery stock, and cut flowers, the occupants of these cars left \$509,031 with Farmer Knott, who promptly passed on the larger share of it to scores of neighborhood farmers." Page 56.

663. Watts, Gilbert S. Roadside marketing. 126 pp., illus. New York, Orange Judd publishing company, inc., 1928.
"... Roadside marketing does not in any sense supplant other means of distribution. Nevertheless, there are enormous possibilities for usefulness in the field of roadside markets. Throughout this volume the practical aspects of operating a roadside market have been given primary consideration. In addition an effort has been made to state, in terms of the roadside market, the proved principles and practices of successful marketing." Author's introduction.

BIBLIOGRAPHIES AND INDEXES

664. Bercaw, Louise O., comp. Almonds; selected references on the industry, 1929 to 1940. 13 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics, Economic library list 23. Washington, D. C., May 1941.
"This list supersedes a typewritten list of the same title, dated March 29, 1941." Page 1.
Includes references on marketing.
665. Bercaw, Louise O., comp. The apple industry in the United States; a selected list of references on the economic aspects of the industry together with some references on varieties. 170 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics, Agricultural economics bibliography 19. Washington, D. C., June 1927.
Includes items on marketing.
666. Bercaw, Louise O., comp. California; an index to the state sources of agricultural statistics. Pt. 1, section 2. Fruits, vegetables, and nuts; an index to the official sources. Agricultural economics bibliography 31, pt. 1, section 2, pp. 343-724, processed. U. S. Dept. of agriculture, Bureau of agricultural economics. Washington, D. C., Jan. 1930.
667. Bercaw, Louise O., comp. Factors affecting prices; a selected bibliography including some references on the theory and practice of price analysis. 40 pp., processed. U. S. Dept. of agriculture, Bureau of

agricultural economics, Agricultural economics bibliography 14. Washington, D. C., Mar. 1926.

"This bibliography is an attempt to make an annotated list of recent work on the economic-statistical analyses of price movements." Introduction.

References to some items relating to fruits, vegetables, and nuts are indexed under the following commodities: Cabbage, cranberries, fruit, melons, peanuts, potatoes, sweet potatoes, vegetables.

668. Bercaw, Louise O., comp. Fruit and vegetable clearing houses; a short list of references. 5 pp., typewritten. [U. S. Dept. of agriculture] Bureau of agricultural economics. [Washington, D. C.] June 6, 1930.

669. Bercaw, Louise O., comp. The peach industry in the United States; a selected list of references on the economic aspects of the industry, including some references relating to Canada. 35 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics, Agricultural economics bibliography 8. Washington, D. C., Oct. 1925.

Includes references on marketing.

670. Bercaw, Louise O., comp. Price fixing by government in the United States, 1926-1939; a selected list of references on direct price fixing of agricultural products by the Federal and State Governments. 214 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics bibliography 79. Washington, D. C., July 1939.
Fruits, nuts, ... pp. 130-138.

"Supplements the United States section of Agricultural Economics Bibliography no. 18, 'Price Fixing by Governments 424 B.C.-1926 A.D. ...' Although there were numerous proposals for price fixing during the period 1926 through the first part of 1939, practically the only direct price fixing of agricultural products by government, has been that carried out under the Agricultural Marketing Agreement Act of 1937, the State milk control acts and the State agricultural adjustment acts." Foreword.

671. Bercaw, Louise O., comp. Price studies of the U. S. Department of agriculture showing demand-price, supply-price, and price-production relationships. 38 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics, Agricultural economics bibliography 58. Washington, D. C., Oct. 1935.

Items include the following fruits and vegetables: Apples, cranberries, melons, peaches, potatoes, canned vegetables, watermelons.

672. Bercaw, Louise O., comp. . . State and Federal publications dealing with the marketing of agricultural products; a list of references to the printed publications of State and Federal departments of agriculture, markets, etc., issued since 1924. 60 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics. Washington, D. C., Apr. 26, 1930.
Part X. Fruits and vegetables, pp. 30-49.
673. Bercaw, Louise O., and Colvin, Esther M., comps. Bibliography on the marketing of agricultural products. 351 pp. U. S. Dept. Agr. Misc. Pub. 150. Washington, U. S. Govt. print. off., 1932.
Fruits and vegetables, pp. 145-225.
The bibliography "is designed to include the important references to printed publications in English on methods of marketing agricultural products and the principles on which methods of marketing should be based. It covers approximately the dates 1924-1931." Introduction.
Supplementary to Miscellaneous Circular 35, which is item 683 in this bibliography.
674. Bradley, Mary A., comp. Index to publications of the United States Department of agriculture, 1931-1935. 518 pp. Washington, U. S. Govt. print. off., 1937.
This index covers all the publications of the United States Department of Agriculture for 1931-35 with the exception of the periodicals issued by the bureaus. The Journal of Agricultural Research and the Official Record are included.
675. Bretherton, Rachel, comp. Market research sources, 1940. A guide to information on domestic marketing. 236 pp. U. S. Dept. of commerce, Bureau of foreign and domestic commerce, Domestic commerce series 110. Washington [D. C.] U. S. Govt. print. off., 1940.
"Market Research Sources 1940 contains references to many new research projects, bringing up to date the record of marketing research within the United States. A review of material for inclusion shows a steady increase in the volume of distribution research, and an improvement in its quality, with a noticeable increase in the number of studies which show the influence of consumers on the various levels of marketing." Foreword.
Lists material published between January 1937 and late 1939.
The alphabetical "Finding Guide" includes references under the subjects of cooperation, fruit, nuts, and vegetables.

676. Colvin, Esther M., comp. List of periodicals containing prices and other statistical and economic information on fruits, vegetables and nuts. 238 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics, Agricultural economics bibliography 55. Washington, D. C., Jan. 1935.

"This list is designed to show the sources of prices and other statistical and economic material relating to fruits, vegetables and nuts in the periodicals currently received in the United States Department of Agriculture Library. These include fruit trade journals, price lists, fruit auction sheets, grocery and canning trade journals, periodicals dealing with special crops, the more general horticultural and growers' periodicals, and official publications of the United States and some other governments. An exception has been made in the case of the official publications of the individual States of the United States as they were included in Agricultural Economics Bibliography No. 38, 'List of State Official Serial Publications Containing Material on Agricultural Economics.'" Foreword.

The foreword contains additional statements outlining the scope of the bibliography.

The detailed index is arranged by commodities.

677. Colvin, Esther M., comp. List of State official serial publications containing material on agricultural economics. 222 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics, Agricultural economics bibliography 38. Washington, D. C., July 1932.

See entries in index under Fruits, Nuts, Vegetables, and names of particular commodities.

678. Colvin, Esther M., comp. The strawberry industry in the United States; a selected list of references on the economic aspects of the industry. 52 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics, Agricultural economics bibliography 28. Washington, D. C., Oct. 1929.

"This bibliography consists of references to books, bulletins, and pamphlets dealing with the economic aspects of the strawberry industry in the United States. Periodical articles, as a rule, have been omitted. Some general references on the marketing of fruit which give statistics on strawberries have been included, but no attempt has been made to include them all." Introduction.

679. Colvin, Esther M., comp. Transportation of agricultural products in the United States, 1920-June 1939; a selected list of references relating to the various phases of

railway, motor, and water carrier transportation. In 3 parts, processed. U. S. Dept. of agriculture, Bureau of agricultural economics, Agricultural economics bibliography 81. Washington, D. C., Nov. 1939.

Part I. General transportation and transportation of agricultural products. 250 pp., mimeographed. See contents for references under fruits and vegetables, including apples, avocados, bananas, berries, cherries, citrus fruits, figs, grapes, melons, peaches, pears, plums, prunes, asparagus, cabbage, cauliflower, celery, cucumbers, escarole, lettuce, onions, potatoes, sweet potatoes, tomatoes; also references under nuts.

Part III. Detailed index.

680. Condit, Ira J., comp. A bibliography on the avocado. 293 pp., processed. Riverside, California university, Citrus experiment station. [1939]
Partial contents: Association of growers, pp. 151-157; Marketing, pp. 187-203.
681. Cummings, Orpha, comp. Prorate marketing of fruits and vegetables under the Agricultural adjustment administration and California agricultural prorate commission; a selected list of references. 7 pp., typewritten. Berkeley, Giannini foundation of agricultural economics, University of California, Jan. 1939.
682. Cummings, Orpha, comp. A selected list of references relating to the marketing of tomatoes with special reference to California. 39 pp., typewritten. Berkeley, Giannini foundation of agricultural economics, University of California, Apr. 1936.
Partial contents: Marketing; Grades and standards; Prices.
683. Day, Emily L., Jacobs, Katharine, and Olcott, Margaret T., comps. Bibliography on the marketing of agricultural products. 56 pp. U. S. Dept. Agr. Misc. Cir. 35. Washington, Govt. print. off., 1925.
Fruits and vegetables, pp. 32-44.
"This bibliography was designed to include the more important references to publications in English on methods of marketing agricultural products and discussions of the principles upon which methods of marketing should be based." Introduction.
See item 673 for supplementary reference.
684. Gardner, Chastina, comp. Cooperation in agriculture; a selected and annotated bibliography with special reference to marketing, purchasing, and credit. 214 pp.

U. S. Farm credit administration, Cooperative division,
Bul. 4. Washington, D. C. [U. S. Govt. print. off.]
1936.

Index contains references to fruits and vegetables.

685. Gardner, Chastina, comp. Cooperative canning of fruits and vegetables; a selected list of references. 4 pp., type-written. [U. S.] Federal farm board, Division of cooperative marketing. Washington, D. C. [June 1930]

Entries are arranged by names of cooperative associations.

Some items relate to marketing of canned fruit.

686. Hennefrund, Helen E., comp. The peanut industry; a selected list of references on the economic aspects of the industry, 1920-1939. 238 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics, Agricultural economics bibliography 80. Washington, D. C., Nov. 1939.

Partial contents: Agricultural adjustment program; Grading and standardization; Markets and marketing; Periodicals.

687. Hennefrund, Helen E., comp. The tomato industry in Puerto Rico and Cuba; a short list of references. 12 pp., processed. U. S. Bureau of agricultural economics, Economic library list no. 10. Washington, D. C., June 1940.

688. Herb, Mamie I., comp. Consumption of fruits and vegetables in the United States; an index to some sources of statistics. 125 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics, Agricultural economics bibliography 56. Washington, D. C., Jan. 1935.

"This compilation lists the sources of statistics of consumption of fruits and vegetables in the United States. The statistics which they contain are described in detail, giving for each commodity named the area and period of time covered in the study, and the type of consumption - whether total, per capita, per family, or per adult equivalent." Foreword.

Index contains detailed commodity entries.

689. Hitz, Vajen E., comp. The grape industry; a selected list of references on the economic aspects of the industry in the United States, 1920-1931. 161 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics, Agricultural economics bibliography 36. Washington, D. C., Mar. 1932.

"This bibliography includes references to publications dealing with the economic aspects of the grape

industry in the United States since January, 1920. The references cover not only grapes, but raisins, currant grapes, and a few grape products." Preface.

Includes references on marketing.

690. Hopper, Elizabeth G., comp. List of periodicals currently received in the Library of the United States Department of agriculture June 1, 1936. 337 pp. U. S. Dept. Agr. Misc. Pub. 245. Washington, U. S. Govt. print. off., 1936.

Beans, p. 220; Citrus fruits, p. 238; Cooperation, p. 244; Fruit, p. 269; Grapes, p. 273; Market reports, p. 286; Marketing, p. 287; Potatoes, p. 303; Vegetables, p. 326.

(A mimeographed supplement of 75 pages was prepared by the Library of the U. S. Department of Agriculture covering the period June 1, 1936-December 31, 1940. The preface reads in part as follows: "This temporary supplement to Miscellaneous Publication No. 245 is intended to meet the needs of users of the 'List of Periodicals Currently Received in the Library of the United States Department of Agriculture' which was issued June 1, 1936. It includes periodicals added to the Library since June 1, 1936. If the title of a periodical has changed since June 1, 1936 the new title is given with a cross reference from the former one. Otherwise periodicals in the 1936 list are not included, even though some of them may have ceased publication or have changed their addresses.")

691. Jacobs, Katharine, comp. A beginning of a bibliography on agricultural credit in the United States. 20 pp., typewritten. U. S. Dept. of agriculture, Bureau of agricultural economics, Library. Washington, D. C., July 1929.

Section III. Fruits and vegetables industry, pp. 14-19. A list of references to the financing of the fruit and vegetable industry of the United States, 1923-1929, with special reference to the financing of growers by commission merchants, fertilizer companies, seed companies, shippers, etc.

692. Lacy, Mary G., comp. Agricultural economics; a selected list of references. 31 pp., processed. U. S. Dept. of agriculture, Bureau of agricultural economics, Agricultural economics bibliography 1, revised 1938. Washington, D. C.

Partial contents: Cooperation, pp. 4-6; Marketing, pp. 14-18.

The list is designed to provide a reading list of basic books in the field of agricultural economics. Foreword.

693. Leslie, Ruth C., comp. Roadside markets (basic information sources). 4 pp., processed. U. S. Dept. of commerce, Bureau of foreign and domestic commerce, Marketing research division. [Washington, D. C., Aug. 1938]
694. U. S. Dept. of agriculture, Bureau of agricultural economics. List of bibliographies issued by the Library of the Bureau of agricultural economics, 1922-July 1941. 11 pp., processed. Washington, D. C. [July 1, 1941]
695. U. S. Dept. of agriculture, Bureau of agricultural economics. Roadside markets; a list of references compiled in the Library. 5 pp., typewritten. [Washington, D. C.] Aug. 3, 1932.
This list is a revision of a list dated Feb. 13, 1929. Periodical articles, with a few exceptions were omitted from the present list, although included in the earlier list.
696. U. S. Dept. of agriculture, Farm credit administration. Periodicals issued by farmers' marketing and purchasing associations. 25 pp., processed. Cooperative research and service division Misc. Rpt. 5 (Revised). Washington, D. C., Mar. 1941. [Limited supply available for distribution]
In the section entitled "Fruits and vegetables," pp. 9-12, 19 periodicals are listed.
697. U. S. Farm credit administration. Bibliography relating to sale of fruits and vegetables through auctions. 10 pp., typewritten. Prepared in Farm credit administration library. [Washington, D. C.] July 1934.
In general, serial publications cover period from January 1931 through June 1934.
698. Whyte, Russell I., comp. Super-markets (basic information sources). 4 pp., processed. U. S. Dept. of commerce, Bureau of foreign and domestic commerce, Business information service. [Washington, D. C.] Oct. 1939.
Lists articles published in trade journals and magazines.
699. Zimmerman, Fred L., and Read, Phyllis R., comps. List of available publications of the U. S. Department of Agriculture, January 2, 1940, arranged by subjects. 212 pp. U. S. Dept. Agr. Misc. Pub. 60. Issued Nov. 1929, revised 1940.
See entries in index under Fruits; Nuts; Vegetables.

INDEX

<u>Item</u>	<u>Item</u>
Abell, M. F.: Marketing potatoes in New Hamp- shire 457	Alcorn, George B. (Cont.): Some economic aspects of the California cauli- flower industry 392
Abramsen, Martin A.: Apple-production costs and returns in the Eastern Panhandle of West Virginia 168	Some economic aspects of the California date industry, March 1941 341
Packing-house operating costs in the Eastern Panhandle of West Virginia, 1938 crop year 224	Alderman, W. H.: Market outlets for Minnesota fruits 166
Agricultural Adjustment Act in relation to fruits and vegetables 21(1933)	Packing Minnesota fruits for market 577
Agricultural economics; a selected list of refer- ences 692	Allen, N. L.: Competing areas of production 21(1938)
Agricultural income inquiry, report of Federal trade commission 126	Developments and problems in the marketing of fruits and vege- tables 21(1936)
Agricultural trade relations, inc.: National California canned peach sale; the first of a series of Nation-wide producer- consumer campaigns 316	How cooperatives of the Central States can successfully merchan- dise fresh fruits and vegetables 21(1940)
Albright, John: Census of fruit and vegetable distributors 19	Problems in marketing Maine potatoes 407
Alcorn, George B.: Economic status of Kings County Elberta peaches 311	Some problems of the fruit and vegetable industry 21(1935)
List of agricultural marketing programs in California under var- ious Federal and State laws, July 1933 to December 1939 90	Allred, Charles E.: Cooperative marketing of sweet potatoes in Tennessee 488
Marketing Kern County early Irish potatoes, 1941 437	Knoxville wholesale fruit and vegetable market 578, 579
Marketing Kern County table grapes 294	Marketing strawberries cooperatively in Tennessee 239
Marketing San Joaquin Valley sweet potatoes, 1938 495	Regional differences in the farm price of Irish potatoes and sweet potatoes in Tennessee and United States 408
	Almonds: Bibliography 664
	Status of industry in 1940 and prospects for future 28

<u>Item</u>	<u>Item</u>
American fruit and produce auction association, inc., New York: Creating your market 20	American institute of cooperation (Cont.): Cooperative marketing of cranberries 235
American institute of cooperation: Accomplishments of the California fruit growers exchange in quality 21(1933)	Cooperative sales promotion in mar- keting tree fruits 21(1938)
Adjustment to changed business condi- tions by the citrus industry 257	Cooperative's job in reconstructing the Pacific Northwest fruit indus- try 21(1938)
Agricultural Adjust- ment Act in rela- tion to fruits and vegetables 21(1933)	Coordination of credit, purchasing and marketing 16
American cooperation, 1931-40, partial contents 21	Credit needs of coop- eratives in the tree fruit industry 15
California grape con- trol plan 303	Developments and prob- lems in the market- ing of fruits and vegetables 21(1936)
California proration plans for fruits and vegetables 95	Effect of the war upon California farmers 7
Chain store purchas- ing activities and the coopera- tive 21(1935)	Enlarging markets through cooperative action 21(1938)
Changes and trends in the methods of mar- keting fresh fruits and vegetables by cooperatives 21(1940)	Experience of the Colorado potato growers exchange 431
Changes in terminal market agencies and practices 609	Experience of the Kaw Valley potato mar- keting association 428
Competing areas of production 21(1938)	Farm Board policies with reference to Nation-wide coop- erative marketing of fruits and vegetables 21(1932)
Competition and changes in market outlets affecting Pacific Northwest apples 199	Farmers' cooperative public markets 590
Consumer preferences and retail prac- tices as they affect grading and market- ing by potato cooperatives 445, 485	Financing a coopera- tive apple washing and packing unit 194
	F.O.B. auctions and country concentra- tion points 130

Item

American institute of cooperation (Cont.):	
Grading and packing of fruits and vegetables	21(1936)
How cooperatives of the Central States can successfully merchandise fresh fruits and vegetables	21(1940)
Industry problems confronting Pacific Northwest fruit growers	21(1938)
International trade promotion as a means of extending markets	218
International trade promotion of tree fruits	148
Intersectional cooperation and production control, national potato problem	472
Lessons from the merchandising of citrus fruit	258
Marketing Carolina fruits and vegetables cooperatively	21(1933)
Marketing peanuts cooperatively	523
Marketing strawberries by auction at shipping points in Louisiana	249
Meeting current problems in cooperative marketing	21(1938)
Meeting the retailers' requirements	21(1932)
Membership cooperation in marketing fresh fruits	21(1936)
Need of strong cooperatives in the control of output	22

Item

American institute of cooperation (Cont.):	
New merchandising problems of potatoes	458
Operation of government potato programs	443
Pecan marketing problems of southern States	520
Possibilities and limitations of control of shipments as a method of dealing with tree fruit surpluses	21(1938)
Possibilities and limitations of government programs	432
Possibilities and limitations of government programs in Idaho	411
Problem of national market stabilization for citrus fruits	279
Problems in cooperative potato marketing	409
Problems in distributing fruits and vegetables cooperatively	21(1935)
Problems in marketing early potatoes	430
Problems in marketing Maine potatoes	407
Problems in marketing western potatoes	487
Production control and shipment prorations as they affect cooperative marketing	136
Quality improvement as a goal for cooperation	21(1933)

<u>Item</u>	<u>Item</u>
American institute of cooperation (Cont.):	American management association: Packaging, packing, and shipping; a record of the subjects as developed through the American management association 534
Relation of the spray residue problem to cooperative marketing 21(1936)	Apple juice, U. S. standards 565
Reopening of foreign markets for our agricultural products 165	Apple sauce, U. S. standards 565
Reports of round-table committees on marketing vegetables and fruits 21(1932)	Apples:
Sales methods and policies of cannery cooperatives in the United States 21(1940)	Bibliography on industry in United States 665
Sales promotion plan for cooperatives 21(1938)	Byproducts 155
Services the fruit auctions offer cooperatives 152	Canned, and cannery, U. S. standards 565
Some problems of the fruit and vegetable industry 21(1935)	Competition with other fruits at retail, New York City 156
Terminal market problems of fruit and vegetable cooperatives 634, 639, 641	Containers 177
Trends in consumption of small fruits and vegetables 21(1938)	Michigan 577
Trends in marketing and market distribution 21(1937)	Preparing for market in barrels and baskets 207
What a local fruit growers association can do for its members 21(1940)	Prices in relation to, New York State 226
What's ahead in fruit and vegetable marketing? I, From the standpoint of the produce trade; II, From the standpoint of the cooperatives 21(1939)	Cooperative movement in Oregon industry 182
	Cooperative possibilities in improving sales (leaflet) 212
	Cooperative washing and packing unit, financing 194
	Correlation, joint, applied to quality and price of McIntosh apples 211
	Costs and returns in producing apples, Newfane-Olcott area, Niagara County, N. Y. 197
	Demand
	Consumer, in Michigan 186
	Increasing 206
	Dried, U. S. standards 565
	Federal trade commission report 126

	<u>Item</u>
Apples (Cont.):	
Foreign trade	
Export situation and trade agreements program	179
International trade promotion as means of extending markets	218
Situation	195
What's ahead	210
See also Apples - Packing.	
Fresh, U. S. standards	565
Grades and grading	552
Connecticut	176
Missouri-U. S. grades	200
New York State	214
Prices in relation to grade	226
Why and how	201
Industry	
Beginnings in Oregon	181
New Jersey	170
Some "believe-it-or-nots"	202
Trends, Washington study	190
Labelling law, Missouri	200
Marketing	196, 205, 208
Adjustments facing industry	204, 220
Champlain Valley	205, 215
Connecticut	213
Cumberland-Potomac-Shenandoah regions	169
Cumberland-Shenandoah region of Pennsylvania, Virginia, and West Virginia	219
Delaware, early apples	184
Illinois, western	180, 203
Indianapolis, apple market	187
Maine, some economic phases of marketing	209
Market supplies, methods of regulating	221

	<u>Item</u>
Apples (Cont.):	
Marketing (Cont.)	
New Jersey and competing States	183
New Mexico	175
New York State	216
Pacific Northwest	199
Problem of industry	223
Problems in 1939	222
Sodus and Williamson, Wayne County, N. Y.	217
Washington apples	
In Los Angeles	173
On New York and Chicago fruit auctions	172
Yields, prices, markets, Ulster County, Hudson Valley, N. Y.	214
Outlook, economic, in 1940 for industry	204
Packages, New York State	214
Packaging problems of eastern growers	225
Packing	552
Barreled for export, influence of packing and handling methods on condition of	191
Experiment in packing Ohio apples	193
Handling for foreign trade	174
Prices	
Changes with special reference to varieties	227
Factors affecting year-to-year changes in farm price of western New York apples	178
Fancy Gravenstein apples in Sonoma County, Calif., factors affecting	171

<u>Item</u>	<u>Item</u>
Apples (Cont.):	Arizona. Agricultural
Prices (Cont.)	experiment station:
In relation to variety, method of	Arizona grapefruit industry; some economic
sale, grade, size,	aspects..... 259
and type of container..... 226	Arizona. College of agriculture, Agricultural
Local market movements	extension service:
in South Dakota..... 480	Economic trends in the
Received by Ulster	lettuce industry..... 395
County growers,	Arkansas. College of agriculture, Extension
1937 crop, reasons	service:
for differences..... 192	Handling and loading
Received by Washington	grapes..... 297
and Oregon growers	Harvesting, marketing
and percentage distribution of sales 198	methods, and production policies
Received by Washington	for Arkansas
growers..... 188	strawberries..... 245
Retailing	Marketing Arkansas
Chain store warehouse	early potatoes..... 464
in Philadelphia..... 185	Roadside market..... 656
New York City..... 205	Armentrout, W. W.:
Returns in Eastern Pan-	Charleston as a market
handle of West	for fruits and vegetables..... 580
Virginia..... 168	Fruit and vegetable
Shipping point marketing	market of Huntington,
services for, in	West Virginia..... 592, 605
Washington..... 189	Armstrong, Paul S.:
See also Exports from	Adjustment to changed
United States.	business conditions by
Apricots:	the citrus industry..... 257
California, weighted	Lessons from the merchandising of citrus
average prices received	fruit..... 258
at eastern auction	Need of strong cooperatives in the control
markets..... 229, 230	of output..... 22
Canned	Army goes shopping for fruits
California, prices	and vegetables..... 5
received by can-	Artichokes:
ners..... 228, 231	Marketing..... 515
Standards, U. S. 565	Standards, U. S. 565
Dried, and fresh,	Asbury, C. E.: Precooling
U. S. standards..... 565	and shipping California
Northwestern, unloads	asparagus..... 376
and other statistics 256	Asia, eastern, fruit markets
Arizona:	in..... 597
Citrus fruits	
Marketing orders	
nos. 2, 53, 55..... 98	
Shipments..... 267	

<u>Item</u>	
Asparagus:	
California, precooling and shipping	376
Canned	
California, prices received by canners	379
California, statistical analysis of the annual average f.o.b. prices	380
Standards, U. S.	565
Cannery	
Grades and grading	
Development in New Jersey	375
Marketing by grades in New Jersey	377
Cannery, for freezing, and fresh, U. S. standards	565
Industry, New Jersey	378
Atkins, S. W.: Marketing strawberries cooperatively in Tennessee	239
Auctions:	
American fruit and vegetable	81
Apples, Washington, on New York and Chicago auctions	172
Apricots, California, weighted average prices received at eastern auction markets	229, 230
Bibliography relating to sale of fruits and vegetables through	697
Citrus fruits	275, 276
Community, marketing farm products through	85
Country fruit and vegetable auctions in eastern seaboard States	25
Creating your market	20
F.O.B., and country concentration points	130

<u>Item</u>	
Auctions (Cont.):	
Fruit and vegetable auction markets of New Jersey	80
Lake Shore growers' cooperative auction, inc., Geneva, Ohio, 1936 operations	54
New Jersey produce	73
Operation of small-lot country fruit and vegetable	24
Peaches, California, weighted average prices received at eastern auction markets	313, 314
Pears	
California, weighted average prices received at eastern auction markets	325, 326
Washington, on New York and Chicago auctions	323
Plums, California, weighted average prices received at eastern auction markets	344, 345
Services offered cooperatives by	152
Strawberries	
Connecticut, prices as related to quality	241
Louisiana, marketing at shipping points in	249
Terminal fruit	
As marketing agencies for farmers' cooperatives	146
Use by farmers' cooperatives (leaflet)	144
Terminal fruit and vegetable	630
Wholesale, of fruits and vegetables	31

<u>Item</u>	<u>Item</u>
Avocados:	Bauer, Walter: Foreign pro- duction, trade, and government aid in the raisin and currant indus- try 334
Bibliography 680	Bayer, R. M.: Interstate shipments of California deciduous tree fruits, season of 1939 160
Calavo growers of Cal- ifornia, sales methods and policies 343	Beans:
Babbitt, Dwight M.: New Jersey produce auctions 73	Canned, and Lima, U. S. standards 565
Bach, N. A.: Apple industry in New Jersey 170	Cannery, snap Costs and returns 381
Bagley, Dudley: Problems in cooperative potato marketing 409	Standards, U. S. 565
Baker, Henry H.: Missouri apple labelling law and the Missouri-U. S. grades for apples 200	Certification, rules and regulations 561
Bakken, Henry H.: Consumer preferences for potatoes 410	Dry edible Distribution, changing methods 386
Ballinger, Roy A.: Importance of the fruit and vegetable industry in Louisiana 23	Economic data 384
Marketing Louisiana sweet potatoes 489	Standards, U. S. 565
Baltimore:	Fresh, and for freezing, U. S. standards 565
Marsh Market 627	Inspection, rules and regulations 561
Wholesale marketing of fruits and vege- tables 591, 611	Marketing Idaho, Washington, and Oregon 383
Barber, J. W.: Possibilities and limitations of govern- ment programs in Idaho 411	Michigan 382
Barkin, S. R.: How to sell fruits and vegetables 36	Montana 385
Barnett, R. J.: Strawberry growing in Kansas 240	Snap Shipments and farm prices 23
Barr, George W.: Arizona grapefruit industry; some economic aspects 259	Standards, U. S. 565
Batchelor, Jackson M.: Black walnut marketing in southeastern United States 518	<u>See also</u> Consumption.
Battin, Charles T.: Competitive position of the Chicago potato market 412	Beard, S. N.: California plan for marketing Salinas-Watsonville iceberg head lettuce in carload lots in inter- state commerce 393
Economic organization and competitive status of the Chicago potato market 413	Beckwith, Charles S.: Sur- vey of the cranberry and blueberry industries in New Jersey 236
	Beets:
	Bunched, and canned, U. S. standards 565
	Preparation for market 510

Item

Bercaw, Louise O.:	
Almonds, selected refer- ences on the industry, 1929 to 1940	664
Apple industry in the United States; a selected list of references on the economic aspects of the industry together with some references on varieties	665
Bibliography on the mar- keting of agricultural products	673
California; an index to the State sources of agricultural statis- tics	666
Factors affecting prices; a selected bibliog- raphy including some references on the theory and practice of price analysis	667
Fruit and vegetable clear- ing houses; a short list of references	668
Peach industry in the United States; a selected list of references on the economic aspects of the industry, includ- ing some references relating to Canada	669
Price fixing by govern- ment in the United States, 1926-1939; a selected list of refer- ences on direct price fixing of agricultural products by the Federal and State Governments	670
Price studies of the U. S. Dept. of agricul- ture showing demand- price, supply-price, and price-production relationships	671

Item

Bercaw, Louise O. (Cont.):	
State and Federal publi- cations dealing with the marketing of agricultural products; a list of references to the printed publi- cations of State and Federal departments of agriculture, markets, etc., issued since 1924	672
Berries:	
California, bush berry culture	232
Containers	232
New Hampshire Blackberries, blue- berries, grapes, raspberries, strawberries	233
Markets and prices	234
Oregon, economic study of small-fruit industry	238
Besley, F. W.: Collecting and marketing black walnuts	519
Bevan, L. A.:	
Analysis of the develop- ment of cooperative marketing of fruits and vegetables in New England	73
Chain-store distribution of fruits and vege- tables in the north- eastern States	58
Picture of the asparagus industry for New Jersey farmers	378
Bevan, Laurence H.: Organ- izing cooperatives to meet chain store demands	631
Beverly, V. C.: Maine potatoes	422
Birgfeld, Clarence E.: Canned and dried foods; United States export trade in 1938	137

<u>Item</u>	<u>Item</u>
Birgfeld, Clarence E. (Cont.):	Bond, M. C. (Cont.):
Fruit canners of the	Selling farm products
world 138	through roadside
Bishop, George:	markets 651
Hornell public market,	Borden, Neil H.: Marketing
1936 581	policies of the Cal-
Kingston public market,	ifornia walnut growers
1936 582	association 524
Lockport public market,	Boston:
1936 583	Competition, interre-
Middletown public market,	gional, of Maine
1936 584	potatoes on Boston
North Tonawanda public	market 442
market, 1936 585	Consumer preference for
Norwich public market,	potatoes 433
1936 586	Damage in selected Maine
Olean public market,	potato bags in whole-
1936 587	sale and retail
Synopsis of eight farm-	markets 434
ers' retail markets,	Marketing Maine potatoes
New York State, 1936 588	in 467
Watertown public market,	Organization and market
1936 589	practices in marketing
Black, A. G.: Developments	Maine potatoes 435
in marketing, 1935 630	Retail distribution of
Blackberries:	Maine potatoes in
Canned, and fresh, U. S.	Metropolitan area,
standards 565	March 1940 447
Industry, markets, and	Boxes. <u>See</u> Containers.
prices, New Hamp-	Bradley, Mary A.: Index to
shire 233, 234	publications of the United
Blake, M. A.: Experiences in	States Dept. of agricul-
conducting the roadside	ture, 1931-1935 674
market of the New Jersey	Braun, Elmer W.: Analysis of
experiment station 650	the principal factors
Blodgett, F. M.: Potato	affecting the price of
situation and the status	fancy Gravenstein apples
of potato research in	in Sonoma County, Cal-
New York 473	ifornia, 1923-1930 171
Blueberries:	Brereton, W. le Gay: Fruit
Markets and prices, New	packing equipment 535
Hampshire 233, 234	Bressler, R. G., Jr.: Prices
Survey of industry,	as related to quality on
New Jersey 236	the Connecticut straw-
Bond, M. C.:	berry auctions 241
Costs and returns in	Bretherton, Rachel:
growing and harvesting	Market research sources,
canning factory	1940 675
tomatoes 498	Broccoli, Italian sprouting,
Farmers' cooperative	U. S. standards 565
public markets 590	

<u>Item</u>	<u>Item</u>
Brock, A. A.: Pears in the market..... 28	Bus, Cornelius: Membership cooperation in marketing fresh fruits..... 21(1936)
Brooker, Marvin A.: Business analysis of the Hastings potato growers' association..... 427	Bushman, Ann: Statistical information pertaining to the marketing of agricultural products in Connecticut..... 33
Farmers' cooperative associations in Florida; organization and management..... 260	Summary of carlot unloads, truck receipts and local receipts in Bridgeport, Hartford, New Haven, and Waterbury for the year 1940 34
Florida citrus exchange system..... 269	Butterfield, H. M.: Bush berry culture in California..... 232
Florida citrus prices..... 275,276	Buying guide for consumers, fruit and vegetable..... 57
Florida truck crop competition; inter-State and foreign..... 360	Bylin, R. S.: Statistical analysis of the annual average f.o.b. prices of canned apricots, 1926-27 to 1939-40..... 231
Study of the cost of handling citrus fruit from the tree to the car in Florida..... 270	Statistical analysis of the annual average f.o.b. prices of Pacific Coast canned Bartlett pears, 1926-27 to 1939-40..... 327
Bryant, H. E.: Cooperative potato marketing in Maine..... 448	Byproducts from apples and other fruits..... 155
Buchanan, Mark T.: Marketing of Washington apples in Los Angeles, California..... 173	Cabbage: Costs and returns for enterprise, New York 387
Washington apples on the New York and Chicago fruit auctions..... 172	Distribution, Federal trade commission report..... 126
Buchholz, Arthur Bernard: Handling apples for foreign trade..... 174	Marketing commercial..... 388
Bullard, William P.: Pecan marketing problems of southern States..... 520	Preparation for market..... 389
Burdette, R. F.: Baltimore wholesale fruit and vegetable markets 591	Standards, U. S., for fresh and for sauerkraut manufacture..... 565
Production and marketing of Maryland sweet potatoes..... 496	Cake, Edwin W.: Competition between fruits at retail, New York City, November 1939..... 156
Roadside markets in Maryland..... 652	
Burmeister, Gustave: Canned fruits and vegetables and the war..... 1	
Relationships among watermelon prices, freight rates, production, and marketings..... 400	

<u>Item</u>	<u>Item</u>
Cake, Edwin W. (Cont.):	California (Cont.):
Marketing mushrooms from the Kennett Square area of Pennsylvania, and growers' and buy- ers' attitude concern- ing proposed marketing plans for mushrooms produced in the area 507	Controlled marketing with special reference to fruits and vegetables 132
Operation of small-lot country fruit and vegetable auctions..... 24	Deciduous tree fruits, interstate shipments 160
Retail outlets for fruit cooperatives in New York City156	Fruits, marketing coop- eratively 159
Sales of fruits at retail, New York City, March 1940156	Harvesting and shipping seasons for crops .. 30
Some facts concerning competition between apples and other fruits at retail, New York City, August 1939 156	Index to the State sources of agricul- tural statistics; fruits, vegetables, and nuts 666
Some facts concerning country fruit and vegetable auctions in eastern seaboard States 25	Lettuce, California plan for marketing Salinas- Watsonville iceberg head lettuce in car- load lots in inter- state commerce 393
Calavo growers of California, sales methods and poli- cies 343	Peaches, marketing order no. 36 98
Calhoun, W. T.:	Pears, marketing orders nos. 36, 38, 39 98
Fruit and vegetable mar- ket of Huntington, West Virginia 592	Plums, marketing order no. 36 98
Wholesale fruit and vegetable market of St. Louis 593	Roadside markets 662
Wholesale fruit and vegetable markets of New York City 606	Sweetpotatoes, San Joaquin Valley, marketing 495
California:	Walnuts, marketing order no. 1 98
Agricultural marketing programs under Federal and State laws, list 90	World War II, effects upon fruit, vegetable, or nut indus- tries 3,6,7,12
Citrus fruits	California. Agricultural experiment station: Precooling and shipping California asparagus 376
Auction sales 266	California. Agricultural experiment station, Giannini foundation of agricultural economics:
Marketing orders nos. 2, 53, 55 98	Analysis of the prices received for canned apricots by canners in California, sea- sons 1924-25
Shipments 267	through 1935-36 228

Item

California. Agricultural
experiment station,
Giannini foundation of
agricultural economics
(Cont.):

Analysis of the prices
received for canned
asparagus by can-
ners in California,
seasons 1925-26
through 1934-35 379

Analysis of the prices
received for canned
Bartlett pears by
canners on the
Pacific coast, sea-
sons 1924-25
through 1935-36 324

Analysis of the prices
received for canned
clingstone peaches
by canners in Cal-
ifornia, seasons
1924-25 through
1935-36 318

Analysis of the prices
received for canned
peaches by canners
in California, sea-
sons 1922-23
through 1934-35 319

Controlled marketing
with special refer-
ence to California
fruits and vege-
tables 132

Deciduous fruit sta-
tistics as of
January 1941 158

Economic and legal
aspects of compul-
sory proration in
agricultural
marketing 94

Effects of the war on
California fruit
industries 6

Foreign production,
trade, and govern-
ment aid in the
raisin and currant
industry 334

Item

California. Agricultural
experiment station,
Giannini foundation of
agricultural economics
(Cont.):

Fruit markets in
eastern Asia 597

Hilgardia 335

History of coopera-
tion in the market-
ing of California
fresh deciduous
fruits 151

Maintenance of substan-
tial equity in the
pooling of lemons 289

Manufacture and use of
California canned
orange juice 278

Marketing globe
artichokes 515

Marketing Tokay
grapes 304

Monthly prices of
selected California
truck crops on the
San Francisco, Oak-
land, Los Angeles,
and New York City
markets, 1910-1934 366

Olives 346

Orange industry; an
economic study 281

Sales methods and
policies of the
Calavo growers of
California 343

Some economic aspects
of regulating ship-
ments of California
oranges 287

Statistical analysis
of the annual aver-
age f.o.b. prices
of canned apricots,
1926-27 to 1939-40 231

Statistical analysis
of the annual aver-
age f.o.b. prices
of canned clingstone
peaches, 1924-25 to
1939-40 320

<u>Item</u>	<u>Item</u>
California. Agricultural experiment station, Giannini foundation of agricultural economics (Cont.):	California. Dept. of agriculture, Bureau of fruit and vegetable standardization: Proceedings of the ninth annual meeting of the Western area standardization conference, Seattle, Washington, June 19-20, 1940 536
Statistical analysis of the annual average f.o.b. prices of Pacific Coast canned Bartlett pears, 1926-27 to 1939-40 327	California. University, College of agriculture, Agricultural extension service:
Summary of study relating to California raisin prorate programs 339	Analysis of the principal factors affecting the price of fancy Gravenstein apples in Sonoma County, California, 1923-1930 171
Supply, demand and prices of California peaches 315	Bush berry culture in California 232
California. Agricultural prorate commission: Agricultural Prorate Act; an analysis and explanation 26	Economic status of Kings County Elberta peaches 311
California. Dept. of agriculture:	Fig culture in California 340
California agricultural economic conference, Stockton, December 1940, proceedings 28	Growing and handling market peas in California 516
Financing agricultural cooperatives 18	Head-lettuce industry of California 396
Jobbing prices at Los Angeles for certain fruits and vegetables 27	List of agricultural marketing programs in California under various Federal and State laws, July 1933 to December 1939 90
Marketing program for prunes 328	Marketing Kern County early Irish potatoes 437
Marketing program for raisins 336	Marketing Kern County table grapes 294
Some aspects of the impact of the war upon California fruit and nut industries 3	Marketing of Tule Lake and Klamath potatoes 459
Value of strict standardization laws and their rigid enforcement 554	Production of strawberries in California 250

<u>Item</u>	<u>Item</u>
California. University, College of agriculture, Agricultural extension service (Cont.):	Callahan, John L.: How to sell fruits and vege- tables 36
Relation between the Hawaii and Cal- ifornia potato industries 460	Callaway, R. P.: Economics of the produc- tion and marketing of apples in New Mexico 175
Some economic aspects of the California cauliflower indus- try 392	Market outlets for New Mexico onions 508
Some economic aspects of the California date industry, March 1941 341	Cameron, E. J.: Standards and labels 537
Usual harvesting and shipping seasons for California crops 30	Campbell, Archer Stuart: Foreign trade of Florida 29
California agricultural econ- omic conference, Stockton, December 1940, proceed- ings 28	Campbell, Carlos: Canned vegetable prices 347
California Agricultural Prorate Act 26,39	Canned foods: Food buying and our markets 629
California fruit growers exchange:	<u>See also</u> particular commodities.
Accomplishments in quality 21(1933)	Cans. <u>See</u> Containers.
Citrus industry and exchange system 268	Cantaloupes: Marketing 405
Cooperation, example of, in segregation of conflicting interests 265	Delaware 402
California fruit growers exchange, Marketing research dept.:	Iowa 401
Statistical informa- tion on the grape- fruit industry 261	Standards, U. S. 565
Statistical informa- tion on the lemon industry 262	<u>See also</u> Muskmelons.
Statistical informa- tion on the orange industry 263	Card, D. G.: Organization and management problems of cooperative straw- berry marketing associa- tions in Kentucky 248
California Fruit News, statistical number 143	Cardiff, Ira D.: Fruit surplus utilization 155
	Carey, L. C.: Containers for fruits and vege- tables 538
	Carloadings, statistics 104
	Carloads: Mixed, in distribution of vegetables from Lower Rio Grande Valley of Texas 362
	Table of number of pack- ages per carload 568
	Carncross, John W.: Acreage and price trends in the vegetable indus- try in the United States and New Jersey, and outlook for 1941 348

<u>Item</u>	<u>Item</u>
Carncross, John W. (Cont.):	Census of fruit and vegetable distributors 19
Average yield required to meet expenses or break even based on 1939 estimated costs, vegetables for market 349	Certification, rules and regulations:
Change in commercial acreage of truck crops in the United States and certain subdivisions and trend of price of vegetables in New Jersey 350	Beans and peas 561
Economic situation facing New Jersey vegetable growers 352	Canned fruits and vegetables 560
New York market prices of certain New Jersey vegetables, 1910-1933 372	Fresh fruits and vegetables 566
Seasonal variation of vegetable prices 351	Chain stores:
Carpenter, G. A.: Usual harvesting and shipping seasons for California crops 30	Chain store purchasing activities and the cooperative 21(1935)
Carrots:	Demand from, organizing cooperatives to meet 631
Canned, and fresh, U. S. standards 565	Distribution of fruits and vegetables in northeastern States 58
Louisiana, marketing 511	Food prices 633
Preparation for market 510	Retail marketing by warehouse in Philadelphia 185
Cassel, Alvin: Foreign trade of Florida 29	Chaney, A. U.: Chain store purchasing activities and the cooperative 21(1935)
Cauliflower:	Charleston as a market for fruits and vegetables 580
Industry, California 392	Charlton, Demetrius E. A.: Art of packaging 539
Long Island, relation of market quality to price received 391	Cheatham, R. J.: Cotton bags as consumer packages for farm products 540
Marketing, Delaware County, N. Y. 390	Cherries:
Marketing order no. 10 98	Canned, fresh, and for manufacture, U. S. standards 565
Standards, U. S. 565	Enterprise, western New York 252
Cecil, William J.:	Industry, with special reference to Oregon 255
1940 raisin prorotation program 28	Marketing of red cherries 254
Raisin prorate system in detail 337	Price trends in pitted red cherry industry 253
Celery:	Shipments, unloads, and other statistics 256
Marketing	Chicago:
Florida 517	Distribution, physical, of fresh fruits and vegetables 614
New York State 509	
Standards, U. S. 565	

<u>Item</u>	<u>Item</u>
Chicago (Cont.):	Citrus fruits (Cont.):
Location of South Water	Marketing
wholesale fruit and	Florida, summary of
vegetable market 613	1940-41 season 290
Potato market	Lower Rio Grande
Competitive position 412	Valley of Texas,
Economic organization	summary of 1940-41
and competitive	season 291
status 413	Programs under Federal
Transportation and mar-	and State laws 28
keting facilities for	10 radio broadcasts 280
fresh fruits and	Marketing orders nos. 2,
vegetables in 615	33, 53, 55 98
Use of transportation	Merchandising, lessons
facilities in fruit	from 258
and vegetable market 616	Outlook, 1939 272
Wholesale prices of	Prices, Florida 275, 276
fruits and vegetables	Research as solution of
at 111	citrus problems,
Childs, V. C.: Economic	Florida 277
study of the pecan	Shipments, summary,
industry 526	1940-41, for Florida
Christopher, E. P.: Study	citrus exchange,
of apple containers 177	Florida, California,
Citrus fruits:	Texas, Arizona 267
Auction sales, 1940-41,	Stabilization, national
Florida, California,	market 279
Texas 266	World production and
California fruit growers	trade 293
exchange	<u>See also</u> Consumption;
Example of coopera-	Grapefruit; Lemons;
tion in segrega-	Limes; Marketing agree-
tion of conflict-	ments; Oranges.
ing interests 265	Clark, C. F.: Compilation of
System 268	experimental and other
Cost of handling in	data on harvesting, cur-
Florida	ing, marketing and feed-
From tree to car 270	ing sweet potatoes 490
1938-39 season 284	Clark, Fred E.:
Disposition, 1909-10 -	Marketing agricultural
1938-39 283	products in the United
Fresh, U. S. standards,	States 31
Florida and Texas 565	Trends in marketing and
Handling, Gulf States 292	market distribu-
Industry	tion 21(1937)
Adjustment to changed	Clarke, George B.:
business conditions	Cooperative marketing of
by 257	fruits and vegetables
Florida, changes in 282	in Connecticut 73

<u>Item</u>	<u>Item</u>
Clarke, George B. (Cont.):	Colby, A. S.: Strawberry
Fruit and vegetable mar-	culture in Illinois..... 242
keting situation in	Colorado:
Connecticut 594	Cauliflower, marketing
Marketing fruits and	order no. 10 98
vegetables in Con-	Onions, marketing order
necticut with special	no. 43 98
reference to the Hart-	Peaches, marketing order
ford, Bridgeport, and	no. 40 98
Waterbury markets 595	Peas, marketing order
Marketing fruits and	no. 10 98
vegetables in Connect-	Potatoes, marketing
icut with special	order no. 58 98
reference to the New	Colorado. Director of mar-
Haven market 596	kets office: Changing
Organization of regional	methods of dried bean
markets 449	distribution 386
Prices as related to qual-	Colorado potato growers
ity on the Connecticut	exchange, experience 431
strawberry auctions 241	Columbus, Ohio, costs of
Clay, Harold J.: Marketing	marketing fruits and
peanuts and peanut	vegetables in wholesale
products 521	curb market 625
Clearing houses, fruit and	Colvin, Esther M.:
vegetable, bibliography 668	Bibliography on the mar-
Cleaver, Harry M.:	keting of agricultural
Indianapolis apple market,	products 673
1929-1930 apple crop 187	List of periodicals con-
Marketing Indiana pota-	taining prices and
toes; local supply	other statistical and
and imports 425	economic information
Marketing Indiana sweet	on fruits, vegetables
potatoes 493	and nuts 676
Marketing vegetables pro-	List of State official
duced on northern	serial publications
Indiana muck soils 357	containing material on
Close, W. L.: Modern trends	agricultural econ-
of inspection 536	omics 677
Cochran, F. D.: Study of	Strawberry industry in
some factors affecting	the United States: a
the production and market-	selected list of refer-
ing of Louisiana carrots 511	ences on the economic
Cockerill, P. W.: Economics	aspects of the indus-
of the production and	try 678
marketing of apples in	Transportation of agricul-
New Mexico 175	tural products in the
Coding plan for canned	United States, 1920-
fruits and vegetables 142	June 1939; a selected
Coe, Paul F.: Marketing	list of references
organization for fresh	relating to the var-
limes 264	ious phases of railway,
	motor, and water car-
	rier transportation 679

<u>Item</u>	<u>Item</u>
Commodity research bureau, inc.: Commodity year book, 1941 522	Connecticut. College of agriculture, Extension service (Cont.): Fruit and vegetable marketing situation in Connecticut 594
Competition between commod- ities: Apples, Pacific North- west, competition and changes in mar- ket outlets affect- ing 199	Connecticut. Dept. of agri- culture, Bureau of markets: Connecticut apple grading law and official grades 176
Apples and other fruits at retail, New York City 156	Fruit and vegetable marketing handbook 32
Competing areas of production 21(1938)	Statistical informa- tion pertaining to the marketing of agricultural prod- ucts in Connect- icut, 1940 33
Florida truck crops 360,365,373	Summary of carlot unloads, truck receipts and local receipts in Bridge- port, Hartford, New Haven, and Waterbury for the year 1940 34
Fruits, fresh, inves- tigation on com- plementarity relations 147	Connecticut (Storrs). Agri- cultural experiment station: Connecticut market demand for vegetables 607
Grapes, eastern 298	Marketing fruits and vegetables in Con- necticut with special reference to the Hartford, Bridgeport, and Waterbury markets 595
Peaches, California, economic status of Kings County Elberta peaches 311	Marketing fruits and vegetables in Con- necticut with special reference to the New Haven market 596
Peanut mills 533	Prices as related to quality on the Con- necticut strawberry auctions 241
Potatoes, Maine, interregional com- petition on Boston market 442	
Sweetpotatoes, San Joaquin Valley 495	
Condit, Ira J.: Bibliography on the avocado 680	
Fig culture in Cal- ifornia 340	
Conn, Donald D.: California vineyard industry 295	
Connecticut: Market demand for vege- tables 607	
Marketing situation, fruit and vegetable 594	
Connecticut. College of agriculture, Extension service: Connecticut apples from tree to consumer 213	

<u>Item</u>		<u>Item</u>	
Connecticut Valley, onion situation in	513	Containers (Cont.):	
Consumers' dollar, survey of the division of, used in the purchase of fresh fruit and vegetables in New York City, July 1-December 31, 1936	76	Connecticut, statistics ..	33
Consumption:		Construction for export packing	546
Apples	202	Cotton bags as consumer packages for farm products	540
Per capita	113	Florida produce	543
Beans, dry edible, per capita	113	Fruit and vegetable marketing institute, Camden, N. J., discussion	45
Citrus fruits		Packaging of typical commodities that move in domestic and international trade	571
Baltimore and St. Louis	271	Statistics	104
Per capita	113	Standards	
Corn, canned, per capita	113	Michigan	547
Fruit juices, per capita	113	U. S.	565
Fruits		See also Fruits;	
Fresh, dried, canned, per capita	113	Standard Container Acts; Vegetables.	
Sumter County, S. C.	65	Converse, Paul D.: Elements of marketing	35
Fruits and vegetables		Conversion factors	97
In Northeast	78	For use in fruit and vegetable offices in cities east of the Rocky Mountains for converting truck, boat, and L.C.L. receipts of fruits and vegetables to carlots (effective beginning January 1, 1937)	115
In United States; an index to some sources of statistics	688	Cooper, M. R.: Factors affecting returns to Louisiana strawberry growers	243
Production-consumption balance in Michigan	71	Cooperation:	
Trends, small fruits and vegetables	21(1938)	American institute of cooperation, American cooperation, 1931-40, partial contents	21
Grapes, per capita	301	Among vegetable growers around Providence, Rhode Island	73
Peas, canned, per capita	113		
Perishable farm products in Albany, N. Y.	60		
Potatoes, per capita	113		
Sweetpotatoes, per capita	113		
Tomatoes, canned, per capita	113		
Vegetables			
Canned, and fresh, per capita	113		
Trends	21(1938)		
Containers:			
American wooden boxes and crates	549		

<u>Item</u>	
Cooperation (Cont.):	
Bibliographies	
Cooperation in agri- culture	684
Cooperative canning of fruits and vegetables	685
Cooperative buying and cooperative credit for fruit and vegetable growers	17
Fruit and vegetable mar- keting institute, Camden, N. J., discus- sions	45
Quality improvement as a goal for	21(1933)
Cooperative associations:	
Calavo growers of Cal- ifornia, sales methods and policies	343
California fruit growers exchange; an example of cooperation in segregation of con- flicting interests	265
Canneries	
Sales and distribu- tion policies	141
Sales methods and policies	21(1940)
Chain store purchasing activities and the cooperative	21(1935)
Commercial trucking of fruits and vegetables in nine Atlantic Coast States; prepared for the use of farmers cooperative associa- tions	44
Credit needs in tree fruit industry	15
Farmers', in Florida Florida citrus exchange system	269
Hastings potato grow- ers' association ..	427
Organization and management	260

<u>Item</u>	
Cooperative associations (Cont.):	
Financing	18
Fruit and vegetable, present and future in Northeast	74
Fruit industry, Pacific Northwest, cooperative's job	21(1938)
Legal phases of	63
Management problems of associations mar- keting fruits and vegetables	70
Nature, scope, and effects of coopera- tive agencies hand- ling fresh fruits and vegetables, Federal trade com- mission report	126
Need of strong coop- eratives in control of output	22
Organizing coopera- tives to meet chain store demand	631
Purchasing and market- ing, New York State	53
Research and service work for	93
Retail outlets for fruit cooperatives in New York City	156
Sales organization, joint use by two cooperatives	145
Services offered to, by fruit auctions	152
Statistical handbook	64
Statistics of farmers' cooperative busi- ness organizations	38
Strawberry marketing associations in Kentucky, organiza- tion and management problems	248

<u>Item</u>		<u>Item</u>	
Cooperative associations (Cont.):		Cooperative marketing (Cont.):	
Terminal fruit auctions		Financing, of farm prod-	
As marketing agen-		ucts in Washington	
cies for farm-		State	14
ers' coopera-		Fruits	
tives	146	California fresh	
Use of (leaflet)	144	deciduous, history	
Terminal market prob-		of cooperation in	
lems of fruit and		marketing	151
vegetable coopera-		California's	159
tives	634, 639, 641	Fresh, membership	
Using your fruit and		cooperation in	
vegetable co-op	69	marketing	21(1936)
What a local fruit		Fruits and vegetables	47
growers association		Carolina, marketing	
can do for its		cooperatively	21(1933)
members	21(1940)	Changes and trends in	
Cooperative marketing:		methods of market-	
Apples		ing by coopera-	
Cooperative possibil-		tives	21(1940)
ities in improving		Connecticut	73
sales (leaflet)	212	Development in New	
Oregon industry,		England	73
1910-1929	182	Developments and	
Bean, dried, distribu-		problems	21(1936)
tion	386	Fresh, how coopera-	
Beginnings of cooperative		tives of Central	
fruit and vegetable		States can suc-	
marketing	46	cessfully merchan-	
Canned foods, distribu-		dise	21(1940)
tion by cooperative		Fresh, selling coop-	
canneries in United		eratively	56
States	141	New Hampshire	73
Canning associations,		St. Louis market	642
marketing Oregon		United States	68
fruits and vegetables		What's ahead in	
through	139	marketing?	21(1939)
Cranberries	235	Fruits, vegetables, and	
Distribution of fruits		nuts, cooperatives	
and vegetables coop-		handling	43
eratively,		Markets, enlarging	
problems	21(1935)	through cooperative	
Farm Board policies with		action	21(1938)
reference to Nation-		Meeting current	
wide cooperative mar-		problems in	21(1938)
keting of fruits and		Peanuts	523
vegetables	21(1932)	Potatoes	449
Farm products in		Colorado potato grow-	
United States	135	ers exchange,	
		experience of	431

<u>Item</u>	<u>Item</u>
Cooperative marketing (Cont.):	Cooperative markets:
Potatoes (Cont.)	Development of cooperative regional produce markets in Northeast and their place in future of northeastern agriculture. 631
Consumer preferences and retail practices as they affect grading and marketing by potato cooperatives 445,485	Farmers' cooperative public markets 590
Hastings potato growers' association, Florida, business analysis of 427	Corbett, Roger B.: Cooperation among vegetable growers around Providence, Rhode Island 73
Maine 448	Study of apple containers 177
Marketing 10,000 cars of Aroostook potatoes 448	Study of the costs and returns from grading vegetables 541
Merchandising problems 458	Corn, canned:
Michigan, economic aspects of situation 426	Green, and sweet for canning, U. S. standards 565
Problems 409	Quality and retail prices 501
Western, problems in marketing 487	Cowden, T. K.: Marketing Pennsylvania potatoes in fifteen-pound containers 414
Production control and shipment prorations as they affect 136	Cox, Rex W.: Seasonal variations of prices and marketings of Minnesota agricultural products, 1921-1935 482
Prunes, marketing through cooperative dried-prune-packing associations 330	Cox, W. F.: Interstate shipments of California deciduous tree fruits, season of 1939 160
Relation of spray residue problem to 21(1936)	Cranberries:
Sales promotion	Cooperative marketing 235
Cooperative, in marketing tree fruits 21(1938)	Industry
Plan for cooperatives 21(1938)	Massachusetts 237
Strawberries in	New Jersey 236
Tennessee 239	Prices since 1863 237
Sweetpotatoes in	Crates. See Containers.
Tennessee 488	Crawford, W. S.: Knoxville wholesale fruit and vegetable market 578,579
Walnuts, California walnut growers association, marketing policies 524	

<u>Item</u>	<u>Item</u>
Credit:	Crouch, Harry E. (Cont.):
Beginning of a bibliography on agricultural credit in United States 691	Public necessity calls for Federal aid in modernizing terminal markets 598
Cooperative buying and cooperative credit for fruit and vegetable growers 17	Crow, William C.:
Coordination with purchasing and marketing 16	Improvements in terminal markets 599
Financing agricultural cooperatives 18	Markets for southern farmers 600
Financing cooperative marketing of farm products in Washington State 14	Our wholesale markets; weaknesses and indicated improvements 601
Financing marketing of Louisiana strawberries 251	South's need for improved methods of marketing its products 602
Financing the wholesale distribution of fresh fruits and vegetables 13	Wholesale fruit and vegetable market in Kansas City 603
Needs of cooperatives in tree fruit industry 15	Wholesale fruit and vegetable market of Huntington, West Virginia 605
Requirements, cooperative prune associations 330	Wholesale fruit and vegetable markets of New York City 606
South Carolina, marketing problems of the vegetable industry of Charleston, Beaufort, and Colleton Counties 364	Wholesale markets for fruits and vegetables in 40 cities 604
Creek, Charles R.: Costs and returns, snap beans for canning in 1940 381	Cuba, trade agreement with, and Florida winter-vegetable industry 369
Crisp, George B.: Development of cannery asparagus grading in New Jersey 375	Cummings, Orpha:
Crocheron, Bertram H.:	Prorate marketing of fruits and vegetables under the Agricultural adjustment administration and California agricultural prorate commission; a selected list of references 681
Fruit markets in eastern Asia 597	Selected list of references relating to the marketing of tomatoes with special reference to California 682
Crouch, Harry E.:	Currants:
Development of cooperative regional produce markets in the Northeast and their place in the future of northeastern agriculture 631	Foreign production, trade, and government aid in industry 334

<u>Item</u>	<u>Item</u>
<p>Currants (Cont.):</p> <p>Tariff commission survey 305</p> <p>Dadisman, A. J.: Marketing apples grown in the Cumberland-Shenandoah region of Pennsylvania, Virginia, and West Virginia 219</p> <p>Dates, economic aspects of California industry 341</p> <p>Davis, H. B.: Marketing of apples 196</p> <p>Davis, I. G.: Connecticut market demand for vegetables 607</p> <p>Day, Emily L.: Bibliography on the marketing of agricultural products 683</p> <p>Dealer service in fresh fruit and vegetable industry 82</p> <p>Decker, S. W.: Economic study of some problems of western Illinois apple growers 203</p> <p>Market for fresh fruits and vegetables in Peoria 608</p> <p>Deegan, John F.: Changes in terminal market agencies and practices 609</p> <p>Defense. See World War II.</p> <p>DeGraff, Herrell F.: Cherry enterprise in western New York 252</p> <p>Factors affecting the year-to-year changes in the farm price of western New York apples 178</p> <p>Marketing western New York peaches 306</p> <p>Peach enterprise in western New York; soil relationships, costs and returns, and marketing 307</p> <p>Pear enterprise in western New York 321</p>	<p>DeGraff, Herrell F. (Cont.): Prune enterprise in western New York 329</p> <p>Delaware. Agricultural experiment station: Marketing of Delaware cantaloupes 402</p> <p>Marketing of Delaware early apples 184</p> <p>Retail marketing of apples by a chain store warehouse in Philadelphia 185</p> <p>Roadside markets in Delaware 654</p> <p>Study of the Wilmington curb market 621</p> <p>De Loach, Daniel B.: Some economic considerations affecting the marketing of Oregon dried prunes through cooperative dried-prune-packing associations 330</p> <p>Some economic considerations of marketing Oregon fruits and vegetables through co-operative canning associations 139</p> <p>Delohery, Tom: Successful methods of roadside marketing 659</p> <p>Demand, theory and measurement 463</p> <p>Detroit. Dept. of public welfare, Municipal bureau of markets: Activity report of the Municipal bureau of markets for the four calendar years of 1933 to 1936 inclusive 610</p> <p>Deupree, Robert G.: Wholesale marketing of fruits and vegetables in Baltimore 611</p> <p>DeVault, S. H.: Baltimore wholesale fruit and vegetable markets 591</p>

<u>Item</u>	<u>Item</u>
Echternach, A. M.: Possibilities and limitations of control of shipments as a method of dealing with tree fruit surpluses 21(1938)	Ellison, Joseph Waldo: Beginnings of the apple industry in Oregon 181
Edwards, A. C.: Apple export situation and the trade agreements program 179	Cooperative movement in the Oregon apple industry, 1910-1929 182
Edwards, Alice Leora: Product standards and labeling for consumers 542	Elmer, O. H.: Sweetpotatoes in Kansas 491
Efferson, J. Norman: Prices and production of Louisiana farm products, 1910-1939 37	Elsworth, R. H.: Statistics of farmers' cooperative business organizations 38
Production and marketing of cauliflower in Delaware County, 1936 390	Endive, U. S. standards 565
Production and marketing of celery, 1936 509	Englund, Eric.: Outlook for fruits and vegetables especially as influenced by the war 2
Production and marketing of lettuce in Oswego County, 1936 394	Ensign, M. R.: Grading, packing and stowing Florida produce 543
Eggplant, U. S. standards 565	Erdman, H. E.: California Agricultural Prorate Act 39
Ekstrom, V. A.: Crop and market information for nearby vegetable growers, with special reference to results of the trial reporting period on the Randolph Street Farmers' Market, Chicago, Ill., Sept. 3 to Oct. 11, 1940 353	California fruit growers' exchange; an example of cooperation in the segregation of conflicting interests 265
Marketing Illinois peaches, 1938 and 1939 308, 309	History of cooperation in the marketing of California fresh deciduous fruits 151
Marketing Madison and St. Clair Counties' truck and vegetable crops, 1940 354	Market prorates as restrictions on internal trade 40
Marketing the 1937 crop of fall and winter apples in western Illinois 180	Supply and adjustments in fruit and vegetable marketing agreements 41
Peach situation 310	Erwin, A. T.: Handling and marketing Iowa sweet potatoes 492
	Marketing Iowa cantaloupes 401
	Escarole, U. S. standards 565
	Exports from United States: Apples 179, 195, 223
	Barreled for export, influence of packing and handling methods on condition 191

Item	
Exports from United States (Cont.):	
Apples (Cont.)	
International trade	
promotion as	
means of extend-	
ing markets	218
What's ahead	210
Canned and dried	
foods	137
Canned fruits, fruit	
juices	138
Citrus fruits	293
Deciduous fruits	149
Foreign import duties	
and regulations on	
fresh fruits and	
vegetables	127
Foreign trade of	
Florida	29
Fresh, dried, and	
canned fruits,	
pecans and walnuts,	
and vegetables	121
Fresh, dried, canned,	
and evaporated	
fruits, and fruit	
juices; fresh,	
dried, and canned	
vegetables; nuts	122
Fresh fruits, dried	
and evaporated	
fruits, canned	
fruits, and vege-	
tables	119
Fruit canners of the	
world	138
Fruits	
Fresh	167
Index numbers,	
1866-1935	163
New quantity	
indexes of for-	
eign trade of	
United States	157
Grapefruit	274
Grapes	305
International fresh	
fruit and vegetable	
trade, United	
States to	
Canada	88,120

Item	
Exports from United States (Cont.):	
International fruit	
trade of United	
States and Canada	153
International trade	
promotion of tree	
fruits	148
Markets for fruit	
juices and fruit	
sirups in United	
Kingdom	164
Monthly summary of	
foreign commerce	124
Oranges	281
Packing, modern	546
Peaches	315
Peanuts and peanut	
products	521
Pears	195
Pecans	531
Raisin and currant	
industry	334
Raisins	305
Reopening of foreign	
markets for our	
agricultural prod-	
ucts, 1934	165
Summary of foreign	
trade of United	
States, 1939	129
Vegetables	
Canned	137
Fresh	374
Farm women's markets	617
Farmer, L. E.: Growing and	
marketing Georgia sweet	
potatoes	494
Fawcett, K. I.:	
Prices and receipts of	
fruits and vegetables	
sold on the Terre	
Haute producers	
market	618
Survey of organizations	
and methods of opera-	
tion of twenty Indiana	
city markets	622
Penn, L. S.: Cherries -	
apricots, 1940	256

<u>Item</u>	<u>Item</u>
Fenton, John M.:	Florida:
Marketing apples - New	Celery, marketing
Jersey and competing	control 517
States 183	Citrus fruits
Philadelphia and New York	Auction sales 266
as markets for New	Marketing order
Jersey fruits and	no. 33 98
vegetables 42	Research as solution
Truck crops in New Jersey	of problems 277
and competing areas 355	Shipments, summary,
Ferguson, Donald B.: Infor-	1940-41 267
mation on the marketing	Grading of produce 543
of farm produce at five	Grapes, marketing order
regional markets in up-	no. 51 98
State New York, summer,	Winter-vegetable industry
1938 619	and trade agreement
Fetrow, Ward W.: Cooperative	with Cuba 369
marketing of agricultural	Florida. Agricultural
products 43	experiment station:
Fifield, W. M.: Potato grow-	Farmers' cooperative
ing in Florida 416	associations in
Figs:	Florida
California, methods of	Business anal-
handling 340	ysis of the
Canned, U. S. standards 565	Hastings
Filberts, economic aspects	potato grow-
of industry 528	ers' associa-
Findlen, P. J.:	tion 427
Facts relating to con-	Florida citrus
sumer and retailer	exchange
demand and preferences	system 269
for potatoes 417	Organization and
Market demand for	management 260
potatoes 418	Florida citrus
Potato inspections in	prices 275, 276
retail stores; an	Florida truck crop
analysis of inspec-	competition
tions in 14 cities of	Inter-State and
up-State New York,	foreign 360
1936-37 season 419	Intra-State 373
Fisher, D. F.: Handling and	Grading, packing and
shipping strawberries	stowing Florida
without refrigeration 244	produce 543
Fitzgerald, T. J.: Inter-	Potato growing in
state shipments of	Florida 416
California deciduous	Study of the cost of
tree fruits, season of	handling citrus
1939 160	fruit from the tree
Flagg, N. M.: Cooperative	to the car in
potato marketing 449	Florida 270

<u>Item</u>	<u>Item</u>
Florida. College of agricul- ture, Agricultural exten- sion service: An economic study of white potatoes in Dade County, Florida, seasons 1934-35 to 1937-38 436	Foelsch, Gertrude G. (Cont.): Marketing Maine potatoes (Cont.) Purchase and use of potatoes and substitutes in homes of Boston consumers, March 4 to April 6, 1940 421
Florida. Dept. of agricul- ture: Annual fruit and vege- table report, 1940-41 91	Fogelberg, Neptune: Citrus industry and the California fruit grow- ers exchange system 268
Production, distribu- tion and competi- tion of Florida .. vegetables 365	Commercial trucking of fruits and vegetables in nine Atlantic Coast States; prepared for the use of farmers' cooperative associa- tions 44
Florida. University: Foreign trade of Florida 29	Cooperative canning of fruits and vegetables 140
Florida citrus exchange, Statistical dept.: Citrus auction sales, season 1940-41, showing weekly sales and average price at all auc- tion markets for State of Florida, State of Cal- ifornia, State of Texas 266	Experiences in the coop- erative canning of fruits and vegetables 140
Summary of citrus shipments, season 1940-41 for Florida citrus exchange, State of Florida, State of California, State of Texas, State of Arizona 267	Food buying and our markets 629
Florida citrus exchange system 269	Food situation, national 116
Foelsch, Gertrude G.: Marketing Maine potatoes Boston retail prices as associated with types of packages, retailers, and con- sumer incomes, February 26 to April 6, 1940 420	Foote, J. M.: Economic trends in the lettuce industry 395
	Foreign trade. See Exports from United States.
	Franklin, H. J.: Cranberry industry in Massachu- setts 237
	Frazier, T. O.: Production and marketing of truck crops in the Territory of Hawaii 359
	Frederick, John Hutchinson: Agricultural markets 620
	Fruit and vegetable market- ing institute, Camden, N. J., 1938, summary and discussions 45
	Fruit cocktail, canned, U. S. standards 565
	Fruit juices: Consumption, per capita 113

	<u>Item</u>
Fruit juices (Cont.):	
Exports	138
Market for, in United Kingdom	164
Fruit sirups, market for, in United Kingdom	164
Fruits:	
Buying guide for consumers	57
Canned	
Coding plan	142
Distribution by cooperative canneries in United States	141
Exports from United States	137, 138
Fruit canners of the world	138
Grading, Government	573
Rules and regulations	560
Standards, U. S.	565
Suggested outline for specifications and purchasing	576
Carloadings, containers, varieties, and grades	104
Chain-store distribution in northeastern States	58
Containers	538
Cans for, simplified practice recommendation	570
Connecticut marketing handbook	32
List of manufacturers of hampers and baskets, including manufacturers' identification numbers	559
Deciduous	
Fresh, California, history of cooperation in marketing	151
Statistics	158
Disposition, farm, and value	103

	<u>Item</u>
Fruits (Cont.):	
Distribution	
Chain-store in north-eastern States	58
Controlled	92
Cooperatively distributing, problems	21(1935)
Financing	13
Market, of car-lot shipments, in United States	83
National, important trends	89
New York State	77
Federal trade commission report	126
Florida annual report, 1940-41	91
Fresh	
Investigation on complementarity relations	147
Standards	
U. S.	565
U. S. and State, analysis	569
This changing agricultural world	150
Fruit Situation; 1942 outlook issue with charts	161
Goal, national, for 1942	162
Grading	21(1936)
New York State	77
Research as basis for	544
How to sell	36
Industry	
Louisiana	23
Problems	21(1935)
Inspection	
Importance to industry	536
Rules and regulations	566
Marketing	
Developments and problems in	21(1936)
Federal assistance, quarter century of	67

<u>Item</u>	
Fruits (Cont.):	
Marketing (Cont.)	
Future State market-	
ing programs	72
Minnesota	166
Northeastern States	78
Oregon	154
Sumter County, S. C.	65
New Jersey, markets for,	
in Philadelphia and	
New York	42
Northeastern States agri-	
cultural conferences,	
recommendations	78
Outlook, summary,	
1942	161,162
Outlook charts, 1941	112
Pacific Northwest fruit	
growers, industry	
problems confront-	
ing	21(1938)
Pacific Northwest indus-	
try, cooperative's	
job in reconstruct-	
ing	21(1938)
Packing	21(1936)
Minnesota	577
New York State	77
Packing equipment	535
Prices	
Wholesale market	
At Los Angeles	109,117
At San Francisco	110
Wholesale prices, at	
New York City,	
Chicago, and lead-	
ing shipping	
points	111
Production-consumption	
balance	71
Retail outlets for fruit	
cooperatives in New	
York City	156
Retail sales, New York	
City	156
Shipments, carlot	101
Shipments from Hawaii	
to mainland	52
Shipping seasons for	
California crops	30

<u>Item</u>	
Fruits (Cont.):	
Statistics	99,143
Surplus utilization	155
Surpluses, control of	
shipments as method	
of dealing with	21(1938)
Unloads in Honolulu	50,51
What should be done to	
meet the problems of	
tomorrow	75
See also Auctions; Compe-	
tition between commod-	
ities; Consumption;	
Cooperative marketing;	
Credit; Exports from	
United States; Market-	
ing agreements; World	
War II; and names of	
particular fruits.	
Gabriel, Harry S.:	
Marketing of Delaware	
cantaloupes	402
Marketing of Delaware	
early apples	184
Retail marketing of	
apples by a chain	
store warehouse in	
Philadelphia	185
Roadside markets in	
Delaware	654
Study of the Wilmington	
curo market	621
Gardner, A. K.: Maine	
potatoes	422
Gardner, Chastina:	
Beginnings of cooperative	
fruit and vegetable	
marketing	46
Cooperation in agricul-	
ture; a selected and	
annotated bibliog-	
raphy with special	
reference to market-	
ing, purchasing, and	
credit	684
Cooperative canning of	
fruits and vegetables;	
a selected list of	
references	685

<u>Item</u>	<u>Item</u>
Gardner, Kelsey B.:	Gaylord, Fay C. (Cont.):
How farmers' cooperatives	Marketing vegetables pro-
use terminal fruit	duced on northern
auctions (leaflet) 144	Indiana muck soils 357
Joint use of a sales	Prices and receipts of
organization by two	fruits and vegetables
cooperative associa-	sold on the Terre
tions 145	Haute producers
Terminal fruit auctions	market 618
as marketing agencies	Survey of organizations
for farmers' coop-	and methods of opera-
eratives 146	tion of twenty Indiana
Garey, L. F.: Study of the	city markets 622
demand for potatoes in	Gearreald, T. N.:
the Twin Cities 423	Analysis of the public
Garlic, U. S. standards 565	market situation in
Garner, C. G.: Marketing	Jamestown, N. Y. 623
Georgia watermelons 403	Economic study of fruit
Garver, W. B.: Marketing	and vegetable whole-
costs of Minnesota foods 424	saling and jobbing
Gaston, H. P.:	firms in New York
Consumer demand for	City 48
apples in Michigan 186	Georgia. College of agri-
Marketing Michigan	culture, Agricultural
vegetable crops 356	extension service:
Michigan pear industry;	Growing and marketing
its status and trends 322	Georgia sweet
Gaumnitz, E. W.: Some	potatoes 494
aspects of the impact of	Marketing Georgia
the war upon California	watermelons 403
fruit and nut industries... 3	Gerard, Jack: Gerard's
Gay, M. C.:	fruit and vegetable
Marketing fruits and	manual 49
vegetables coopera-	Gerry, L. B.: Cherries -
tively 47	apricots, 1940 256
Marketing problems of the	Giannini foundation of agri-
vegetable industry of	cultural economics:
Charleston, Beaufort,	California Agricul-
and Colleton Counties,	tural Prorate Act... 39
South Carolina 364	Developments in the
Problems in distributing	prune industry mar-
fruits and vegetables	keting program 331
cooperatively 21(1935)	Market prorates as
Gaylord, Fay C.:	restrictions on
Indianapolis apple market,	internal trade... 40
1929-1930 apple crop 187	See also California.
Marketing Indiana pota-	Agricultural exper-
toes; local supply	iment station,
and imports 425	Giannini foundation
Marketing Indiana sweet	of agricultural
potatoes 493	economics.

<u>Item</u>	<u>Item</u>
Gibson, A. E.: Marketing peanuts cooperatively 523	Grapefruit juice (Cont.): Statistics relating to packs, shipments, and foreign trade 285
Goldsworthy, Vernon: Cooperative marketing of cranberries 235	Grapes:
Grades:	Bibliography on the grape industry 689
Connecticut fruit and vegetable marketing handbook 32	Containers 299,300,301,302
Federal, adaptation to consumers' needs 551	Federal trade commission report 126
Fruits and vegetables	Grades 300
Pennsylvania 553	Handling and loading, Arkansas 297
Standard 547	Industry
New York State 550	California 295
Shall we buy canned food by guess or by grades? 575	New Hampshire 233
Grading:	Marketing
Canned foods, Ohio,	California control plan 303
Federal grading 572	Competition, distri- bution, and whole- sale marketing, eastern grapes 298
Florida produce 543	Eastern United States 300
Table, portable 213	Kern County table grapes, California 294
See also Fruits - Grad- ing; Vegetables - Grading; and names of particular commod- ities.	Methods used by grow- ers; grape prices, grades, and con- sumption per capita, New York, Pennsylvania, Michigan, and Arkansas vineyards 301
Grant, C. J.: Survey of the cranberry and blueberry industries in New Jersey 236	Ohio 296
Grapefruit:	Retail distribution and consumer demand, eastern grapes 299
Canned	Tokay 304
Distribution problems 274	Marketing order no. 51 98
Standards, U. S. 565	Markets and prices, New Hampshire 234
Statistics relating to packs, ship- ments, and foreign trade 285	Packing 302
Federal trade commission report 126	Preparation for market, including harvesting and packing, packages, standardization and inspection, loading 302
Fresh, U. S. standards 565	
Industry, Arizona 259	
Marketing orders nos. 2, 33, 55 98	
Situation, 1939, anal- ysis 286	
Statistical information 261	
Grapefruit juice:	
Standards, U. S. 565	

<u>Item</u>		<u>Item</u>	
Grapes. (Cont.):		Hamilton, H. G. (Cont.):	
Prices, annual, of California fresh grapes, factors affecting	335	Farmers' cooperative associations in Florida; organization and management	260
Standards, U. S.	565	Florida citrus exchange system	269
Tariff commission survey	305	Study of the cost of handling citrus fruit from the tree to the car in Florida	270
See also Exports from United States.		Hampers. See Containers.	
Grapes for juice:		Hampson, Chester C.:	
Factories	302	Apple prices received by Washington growers	188
Standards, U. S.	565	Cost of shipping point marketing services for apples in Washington	189
Greenman, J. R.: Some economic aspects of marketing control for the Florida celery industry	517	Trends in the apple industry	190
Gruskin, Sylvia: Statistical information pertaining to the marketing of agricultural products in Connecticut	33	Haney, Jesse: Experience of the Kaw Valley potato marketing association	428
Guellow, C. N.: Production, disposition, and value of citrus fruits, crop seasons 1909-10 - 1938-39	283	Hangas, A. J.: Costs and returns in growing and harvesting canning factory tomatoes	498
Guin, Marvin: Economic study of Sumter County agriculture	65	Hanna, G. C.: Precooling and shipping California asparagus	376
Gunn, R. V.: Some economic aspects of the potato situation	426	Hansen, C. J.: Marketing northwestern fresh prunes, summary of the 1940 season	333
Gunness, C. I.: Cranberry industry in Massachusetts	237	Hanson, Kenneth I.:	
Haag, H. M.: Marketing organization and costs in the St. Louis wholesale fruit and vegetable market	624	Annual summary of fruit and vegetable unloads in Honolulu, 1939	50
Hall, Orville J.: Harvesting, marketing methods, and production policies for Arkansas strawberries	245	Five-year summary of fruit and vegetable unloads in Honolulu, 1936-1940	51
Hamilton, A. B.: Production and marketing of Maryland sweet potatoes	496	Summary of shipments of fruits and vegetables from Hawaii to the mainland, 1940	52
Hamilton, H. G.:		Hardenburg, E. V.: Potato situation and the status of potato research in New York	473
Business analysis of the Hastings potato growers' association	427		

<u>Item</u>	<u>Item</u>
Harding, Paul L.: Influence of packing and handling methods on condition of apples barreled for export 191	Hauck, Charles W. (Cont.): Roadside marketing of agricultural products by Ohio farmers..... 655
Harper, F. A.: Cooperative purchasing and marketing organizations in New York State 53	Study of quality and retail prices of Ohio-packed vegetables 501
Reasons for differences in the price of apples received by Ulster County growers, 1937 crop 192	Hawaii: Potatoes, relation between Hawaii and California potato industries 460
What's ahead for the apple industry, the economic outlook 204	Truck crops, production and marketing 359
Hartford, Conn., marketing fruits and vegetables in market 595	Hawaii. University, Agricultural extension service: Annual summary of fruit and vegetable unloads in Honolulu, 1939 50
Hartman, John D.: Relation of market quality to the price received for Long Island cauliflower 391	Five-year summary of fruit and vegetable unloads in Honolulu, 1936-1940 51
Hastings potato growers' association, business analysis 427	Summary of shipments of fruits and vegetables from Hawaii to the mainland, 1940 52
Hauck, Charles W.: Costs of marketing fruits and vegetables in the Columbus wholesale curb market 625	Hayes, J. E.: Financing a cooperative apple washing and packing unit 194
Experiment in packing Ohio apples 193	Hebert, J. W.: Cooperative's job in reconstructing the Pacific Northwest fruit industry 21(1938)
Lake Shore growers' cooperative auction, inc., Geneva, Ohio 54	Heckert, J. Brooks: Analysis and control of distribution costs for sales executives and accountants 55
Marketing cannery tomatoes on grade in Ohio 499	Heckman, J. H.: Changes and trends in the methods of marketing fresh fruits and vegetables by cooperatives 21(1940)
Marketing Ohio grapes 296	Harvesting, marketing methods, and production policies for Arkansas strawberries 245
Marketing Ohio tomatoes to processors on grades, 1930-1940 500	
Marketing potatoes through the Ohio farm bureau cooperative association 429	
Research as a basis for grading fruits and vegetables 544	

<u>Item</u>	<u>Item</u>
Heckman, J. H. (Cont.):	Hensley, Harry C. (Cont.):
Problems in marketing	Sales methods and pol-
early potatoes 430	icies of cannery
Roadside market 656	cooperatives in the
Selling fresh fruits and	United States 21(1940)
vegetables coopera-	Sales policies of coop-
tively 56	erative canneries in
Survey of conditions	the United States 141
affecting the produc-	Heppe, W. F.:
tion and marketing of	Experience of the
white potatoes on the	Colorado potato grow-
eastern shore of	ers exchange 431
Virginia 441	Possibilities and limita-
Hedden, Walter Page: Pro-	tions of government
posed reorganization of	programs 432
New York City fruit and	What's ahead in fruit
vegetable terminal mar-	and vegetable market-
kets 626	ing? - II, From the
Hedrick, Wilbur O.: Market-	standpoint of the
ing Michigan beans 382	cooperatives 21(1939)
Hennefrund, Helen E.:	Herb, Mamie I.: Consumption
Peanut industry; a	of fruits and vegetables
selected list of	in the United States; an
references on the	index to some sources of
economic aspects	statistics 688
of the industry,	Herschler, H. M.: Roadside
1920-1939 686	marketing of agricultural
Tomato industry in Puerto	products by Ohio farmers 655
Rico and Cuba; a short	Hersey, Malcolm R.: Maine
list of references 687	potato quality related
Hensley, Harry C.:	to market prices 484
Distribution of canned	Hervey, George W.: Consump-
foods by cooperative	tion of citrus fruits and
canneries in the	related products in
United States 141	Baltimore and St. Louis 271
Market for Ozark canned	Hill, R. G.:
tomatoes 141	Fruit and vegetable buy-
Marketing policies of the	ing guide for consum-
California walnut	ers 57
growers association 524	Preparing strawberries
Organization and teaching	for market 246
procedure to be fol-	Hincks, Maynard A.:
lowed in evening agri-	Marketing Maine potatoes
cultural schools on	Damage in selected
the marketing of	bags at Maine ship-
vegetables 84	ping points and in
Sales and distribution	Boston wholesale
policies of coopera-	and retail markets 434
tive canneries in the	Organization and mar-
United States 141	ket practices in
	Maine and Boston 435

<u>Item</u>	<u>Item</u>
Hincks, Maynard A. (Cont.): Marketing Maine potatoes (Cont.) Preliminary report of consumer preference for potatoes in Boston 433	Hopkins, E. J.: Marketing strawberries coopera- tively in Tennessee 239
Sampling procedure used in the study of con- sumer preferences for Maine potatoes in part of the Metropol- itan Boston area 450	Hopper, Elizabeth G.: List of periodicals currently received in the Library of the United States Department of agricul- ture June 1, 1936 690
Hitz, Vajen E.: Grape indus- try; a selected list of references on the econ- omic aspects of the industry in the United States, 1920-1931 689	Hopper, Wilbert C.: Consumption of certain perishable farm prod- ucts in Albany, New York 60
Hodson, Edgar A.: Handling and loading grapes 297	Economic study of the marketing of certain perishable farm prod- ucts in Albany, New York 61
Hoecker, R. W.: Costs and returns for the cabbage enterprise, 1938 and 1939 387	Marketing and distribu- tion of certain perish- able farm products in the Lower Hudson Valley 62
Hoffman, A. C.: Chain-store distribution of fruits and vege- tables in the north- eastern States 58	Hornell, N. Y., public market 581
Reducing the costs of food distribution 59	Howard, R. H.: Economic study of white potatoes in Dade County, Florida, seasons 1934-35 to 1937-38 436
Hollands, Harold F.: Washing- ton pears on the New York and Chicago fruit auctions 323	Howe, R. M.: Factors affect- ing California raisin sales and prices, 1922-1929 335
Honolulu, fruit and vege- table unloads 50, 51	Hudson, N. D.: Marketing Kern County table grapes 294
Hoos, Sidney: Effects of the war on California fruit industries 6	Huegy, Harvey W.: Elements of marketing 35
Investigation on comple- mentarity relations between fresh fruits 147	Hukari, Arvo: International trade promotion of tree fruits 148
Situation and outlook for selected fruits and nuts with special reference to the war 12	Hulbert, L. S.: Legal phases of cooperative associations 63
	Hultgren, Thor: Relation- ships among watermelon prices, freight rates, production, and market- ings 400

<u>Item</u>	<u>Item</u>
Hunter, Byron: Bean growing in northern Idaho, eastern Washington, and eastern Oregon 383	Illinois. Agricultural experiment station, Dept. of agricultural economics, College of agriculture (Cont.):
Huntington, W. Va., fruit and vegetable market 592,605	Marketing Illinois peaches, 1938 and 1939 308,309
Huston, Tom, peanut company, Columbus, Ga.: Peanuts; culture and marketing of the white Spanish variety in the southeastern States 525	Marketing Madison and St. Clair Counties' truck and vegetable crops, 1940 354
Hutchings, Earl: Problems of the western States' standardization and suggested recommendations 536	Peach situation 310
Hyre, French M.: Statistical handbook of farmers' cooperatives 64	Illinois. Agricultural experiment station and Extension service:
Idaho, potatoes, marketing order no. 57 98	Strawberry culture in Illinois 242
Illinois. Agricultural experiment station: *	Indexes:
Growing and marketing muskmelons 404	California, index to State sources of agricultural statistics 666
Market for fresh fruits and vegetables in Peoria 608	Index to publications of United States Dept. of agriculture, 1931-1935 674
Illinois. Agricultural experiment station, Dept. of agricultural economics: Marketing the 1937 crop of fall and winter apples in western Illinois 180	Indiana:
Illinois. Agricultural experiment station, Dept. of agricultural economics, College of agriculture:	Survey of organizations and methods of operation of twenty city markets 622
Crop and market information for nearby vegetable growers, with special reference to results of the trial reporting period on the Randolph Street Farmers' Market, Chicago, Illinois, September 3 to October 11, 1940 353	Sweetpotatoes, marketing 493
	Indiana. Agricultural experiment station:
	Economic considerations in growing canning factory tomatoes in northwestern Indiana 504
	Indianapolis apple market, 1929-1930 apple crop 187
	Marketing Indiana potatoes; local supply and imports 425
	Marketing Indiana sweet potatoes 493
	Marketing vegetables produced on northern Indiana muck soils 357

<u>Item</u>	<u>Item</u>
Indiana. Agricultural experiment station (Cont.): Prices and receipts of fruits and vege- tables sold on the Terre Haute produc- ers market618 Survey of organiza- tions and methods of operation of twenty Indiana city markets622	Jacobs, Katharine: Beginning of a bibliog- raphy on agricultural credit in the United States691 Bibliography on the mar- keting of agricultural products683
Inspections: Continuous factory inspection experiment 558 Farm products545 Trends, modern536 <u>See also</u> subhead "Inspec- tion" under Beans; Fruits; Peas; Pota- toes; Vegetables.	Jamestown, N. Y., public market situation in623 Jensen, W. C.: Economic study of Sumter County agriculture65 Jobbing firms, fruit and vegetable, in New York City, economic study of...48 Johnson, E. C.: Outlook for citrus fruits272 Johnston, Ross B.: Market- ing of apples196 Jones, H. A.: Head-lettuce industry of California396 Jones, S. A.: Economic study of the pecan industry ...526 Kahle, H. S.: Roadside market survey657 Kale, U. S. standards565 Kansas. Agricultural exper- iment station: Market quality of Kansas potatoes as determined by Fed- eral inspections...454 Retailer preferences and quality anal- ysis of potatoes on Kansas City markets in June 1940455 Roadside marketing of horticultural prod- ucts in Kansas660 Some factors influ- encing the mid- season potato market469 Strawberry growing in Kansas240 Sweetpotatoes in Kansas491
International apple associa- tion: United States apple and pear foreign trade situation; trade barriers and data195 International trade promo- tion of tree fruits148 Iowa. Agricultural experi- ment station: Handling and marketing Iowa sweet potatoes492 Marketing Iowa cantaloupes401	
Irrgang, Charles W.: What's ahead in fruit and vege- table marketing? - I, From the standpoint of the produce trade 21(1939)	
Jackson, Sheldon N.: Market- ing San Joaquin Valley sweet potatoes, 1938495	
Jackson, W. L.: Wholesale market prices at San Francisco for certain fruits and vegetables, 1940110	

<u>Item</u>	<u>Item</u>
Kansas City, wholesale fruit and vegetable market in 603	Knott, J. E.: Quality of lettuce as it affects the New York lettuce industry 397
Katz, Samuel I.: Statistical report of the United States deciduous fruit export season, 1939-40 149	Retail handling of vegetables 358
This changing agricultural world 150	Knoxville wholesale fruit and vegetable market 578,579
Kaw Valley potato marketing association, experience 428	Kraemer, Erich: History of cooperation in the marketing of California fresh deciduous fruits 151
Keller, H. R.: Economic status of Kings County Elberta peaches 311	Kuhrt, W. J.: Management problems of cooperative associations marketing fruits and vegetables 70
Kentucky. Agricultural experiment station: Organization and management problems of cooperative strawberry marketing associations in Kentucky 248	Kyrk, Hazel: Food buying and our markets 629
Organization of the Louisville wholesale fruit and vegetable market 635,636	Labeling: Canned fruit and vegetable grade 557
Kerr, William J.: Oregon's problem in marketing agricultural and industrial products 66	Canned fruits and vegetables in terms of U. S. standards 558
Kingston, N. Y., public market 582	For consumers 542
Kinsley, C. H.: Methods employed and problems encountered in the enforcement of the fruit and vegetable standards in California 536	Processed foods in terms of U. S. grades 574
Kitchen, C. W.: Quarter century of Federal assistance in fruit and vegetable marketing 67	Labels, address before National canners association 537
Standardization and inspection of farm products 545	Lachar, George P.: Organization and operation of Marsh Market in Baltimore and proposed improvements 627
Klahre, J. E.: Cooperative sales promotion in marketing tree fruits 21(1938)	Lacy, Mary G.: Agricultural economics; a selected list of references 692
	Lake Shore growers' cooperative auction, Geneva, Ohio, 1936 operations 54
	La Mont, T. E.: Costs and returns in producing apples in the Newfane-Olcott area, Niagara County, New York, 1926 to 1928 197
	Lanham, W. Keith: Apple-production costs and returns in the Eastern Panhandle of West Virginia 168

<u>Item</u>		<u>Item</u>	
Larzelere, H. E.: Costs of marketing fruits and vegetables in the Columbus wholesale curb market	625	Lettuce:	
Leeming, Joseph: Modern export packing	546	California plan for marketing Salinas-Watsonville iceberg head lettuce in car-load lots in interstate commerce	393
Legislation:		Commercial, marketing	399
New York State, agriculture and markets law	550	Federal trade commission report	126
State, status in United States, as it relates to standardization of fresh fruits and vegetables	555	Handling and shipping in New York	398
See also Agricultural Adjustment Act; California Agricultural Prorate Act; Perishable Agricultural Commodities Act; Produce Agency Act; Standard Container Acts.		Industry	
Leith, W. Gordon:		Economic trends	395
Cooperative canning of fruits and vegetables	140	Head-lettuce, of California	396
Marketing mushrooms from the Kennett Square area of Pennsylvania, and growers' and buyers' attitude concerning proposed marketing plans for mushrooms produced in the area	507	New York, as affected by quality	397
Lemons:		Marketing in Oswego County, N. Y.	394
Marketing order no. 53	98	Standards, U. S.	565
Pooling, maintenance of substantial equity in	289	Lewis, William E.: Preparation of bunched beets, carrots, and turnips for market	510
Standards, U. S.	565	Limes, fresh:	
Statistical information on industry	262	Marketing organization for	264
Leslie, Ruth C.: Roadside markets (basic information sources)	693	Standards, U. S.	565
		Lindsay, M. A.: Marketing Kern County early Irish potatoes, 1941	437
		Lininger, F. F.:	
		Marketing apples grown in the Cumberland-Shenandoah region of Pennsylvania, Virginia, and West Virginia	219
		Potato marketing in Pennsylvania	438
		Livermore, J. R.: Potato situation and the status of potato research in New York	473
		Lloyd, J. W.:	
		Growing and marketing muskmelons	404

<u>Item</u>	<u>Item</u>
Lloyd, J. W. (Cont.):	Louisville, organization of
Market for fresh fruits	wholesale fruit and vege-
and vegetables in	table market 635,636
Peoria 608	Luebke, B. H.:
Relation of the spray	Cooperative marketing of
residue problem to	sweet potatoes in
cooperative market-	Tennessee 488
ing 21(1936)	Knoxville wholesale fruit
Lockport, N. Y., public	and vegetable mar-
market 583	ket 578,579
Long Island potatoes, cost	Marketing strawberries
of production and price	cooperatively in
margins, 1939 440	Tennessee 239
Longfellow, H. W.: Marketing	Lutz, J. M.:
Kern County early Irish	Handling and shipping
potatoes, 1941 437	strawberries without
Lorion, A. J.: Problems in	refrigeration 244
packaging perishable	Influence of packing and
farm produce 630	handling methods on
Los Angeles:	condition of apples
Jobbing prices, fruits	barreled for export 191
and vegetables 27	Lynn, William C.: Size of
Wholesale market prices,	potato sacks in general
fruits and vege-	use 439
tables 109,117	McArthur, Robert: Prune
Louisiana:	marketing program
Prices of farm products 37	explained 332
See also Strawberries.	McCallister, Kenneth J.:
Louisiana. Agricultural	Apple prices received by
experiment station:	Washington and Oregon
Financing production	growers and percentage
and marketing of	distribution of sales,
Louisiana straw-	by variety, grade, and
berries and sug-	size, 1934 to 1937 198
gested reorganiza-	McDowell, A. M.: Wholesale
tion 251	market prices at San
Importance of the	Francisco for certain
fruit and vege-	fruits and vegetables,
table industry in	1940 110
Louisiana 23	McKay, A. W.:
Marketing Louisiana	Citrus industry and the
sweet potatoes 489	California fruit grow-
Prices and production	ers exchange system 268
of Louisiana farm	Citrus marketing agree-
products 37	ments 273
Study of some factors	Competition and changes
affecting the pro-	in market outlets
duction and market-	affecting Pacific
ing of Louisiana	Northwest apples 199
carrots 511	

<u>Item</u>	<u>Item</u>
McKay, A. W. (Cont.):	Maine. Agricultural experim-
Cooperative marketing of	ment station (Cont.):
fruits and vegetables	Marketing Maine pota-
in the United States ... 68	toes, preliminary
Experiences in the coop-	report of consumer
erative canning of	preference for
fruits and vegetables 140	potatoes in Boston,
Management problems of	March 4 to April 6,
cooperative associa-	1940 433
tions marketing fruits	Marketing Maine pota-
and vegetables 70	toes, preliminary
Marketing mushrooms from	report on the
the Kennett Square	interregional com-
area of Pennsylvania,	petition of Maine
and growers' and buy-	potatoes on the
ers' attitude concern-	Boston market 442
ing proposed marketing	Some economic phases
plans for mushrooms	of the marketing
produced in the area 507	of Maine apples 209
Marketing potatoes	Maine. Development commis-
through the Ohio farm	sion: Maine potato
bureau cooperative	quality related to market
association 429	prices 484
Using your fruit and	Mallory, L. D.: Factors
vegetable co-op 69	affecting annual prices
McKennon, Frank: Import-	of California fresh
ance of uniform standard-	grapes, 1921-1929 335
ization laws to the free	Margolin, Ruth L.: Cost of
movement of fruits and	production and price
vegetables throughout	margins for Long Island
the United States 536	potatoes, 1939 440
MacLeod, G. F.: Potato situ-	Market research sources,
ation and the status of	1940 675
potato research in	Marketing:
New York 473	Agricultural products, in
Magistad, O. C.: Production	United States 31
and marketing of truck	American institute of
crops in the territory	cooperation, reports
of Hawaii 359	of round-table commit-
Magurn, A. L.: Boston	tees on marketing
regional market 449	vegetables and
Maine. Agricultural experi-	fruits 21(1932)
ment station:	Controlled, with special
Costs and returns in	reference to Cal-
producing potatoes	ifornia fruits and
in Aroostook	vegetables 132
County, Maine 461	Developments 630
Costs and returns in	Elements 35
producing potatoes	
in central Maine 462	

<u>Item</u>	<u>Item</u>
Marketing (Cont.)::	Markets:
Federal assistance in	Agricultural 620
fruit and vegetable	Asia, eastern, fruit
marketing, quarter	markets in 597
century of 67	Baltimore
Market summaries 105	Organization and
Motortrucks, use in mar-	operation of Marsh
keting fruits and	Market and pro-
vegetables in nine	posed improvements 627
States tributary to	Wholesale fruit and
New York market! 87	vegetable
National association of	markets 591, 611
marketing officials,	Beverly, N. J., coop-
future State market-	erative auction 80
ing programs - vege-	Boston, how can regional
tables and fruits 72	market be used most
Perishable farm products	effectively? 631
in Albany, N. Y.,	Bridgeport, Conn., mar-
economic study of 61	keting fruits and
Perishable farm products	vegetables in market 595
in Lower Hudson Valley 62	Cedarville, N. J.,
Principles, organization	cooperative auction 80
and policies 86	Charleston, W. Va., as a
Programs under Federal	market for fruits and
and State laws for	vegetables 580
citrus fruits 28	Chicago
Teaching, organization	Location of the South
and teaching procedure	Water wholesale
to be followed in	fruit and vegetable
evening agricultural	market 613
schools on marketing	Physical distribution
of vegetables 84	of fresh fruits
Trends 21(1937)	and vegetables 614
Marketing agreements:	Transportation and
Citrus fruits 273	marketing facil-
Fruit and vegetable, sup-	ities for fresh
ply and adjustments 41	fruits and vege-
Fruits and vegetables in	tables in Chicago 615
northeastern States 78	Use of transportation
Fruits and vegetables	facilities in fruit
other than citrus	and vegetable
fruits 133	market 616
General statement written	Cologne, N. J., coopera-
for popular use 100	tive auction 80
Potato program, Govern-	Columbus, Ohio, costs of
ment, operation 443	marketing fruits and
Under the AAA 79	vegetables in whole-
Marketing orders for fruits,	sale curb market 625
vegetables, and nuts, in	Connecticut market demand
effect December 31, 1941 98	for vegetables 607

<u>Item</u>		<u>Item</u>	
Markets (Cont.):		Markets (Cont.):	
Cooperative. See Cooperative markets.		Minneapolis, wholesale commission market, proposed development	628
Detroit, activity report of bureau, 1933 to 1936	610	New Haven, Conn., marketing fruits and vegetables in	596
Food buying and our markets	629	New York City	
Glassboro, N. J., cooperative auction	80	Cost of marketing fruits and vegetables, and prices received on farmers markets	637
Hammonton, N. J., cooperative auction	80	Marketing fruits and vegetables on farmers' markets, New York metropolitan district	638
Hartford, Bridgeport, and Waterbury, Conn., marketing fruits and vegetables in	595	New Jersey fruits and vegetables	42
Hightstown, N. J., cooperative auction	80	Proposed reorganization of fruit and vegetable markets	626
Hornell, N. Y., public market	581	Wholesale fruit and vegetable markets	606
Huntington, W. Va., fruit and vegetable market	592, 605	New York State	
Indiana, survey of organizations and methods of operation of twenty city markets	622	Marketing at five regional up-State markets	619
Jamestown, N. Y., public market situation in	623	Public produce markets in up-State New York	649
Kansas City, wholesale fruit and vegetable market in	603	Synopsis of eight farmers' retail markets	588
Kingston, N. Y., public market	582	North Tonawanda, N. Y., public market	585
Knoxville wholesale fruit and vegetable	578, 579	Norwich, N. Y., public market	586
Landisville, N. J., cooperative auction	80	Olean, N. Y., public market	587
Lockport, N. Y., public market	583	Peoria, Ill., market for fresh fruits and vegetables in	608
Louisville, organization of wholesale fruit and vegetable market	635, 636	Philadelphia	
Michigan, public produce markets	643	Improvement project, summaries of activities	646, 647
Middletown, N. Y., public market	584	New Jersey fruits and vegetables	42

Item	
Markets (Cont.):	
Philadelphia (Cont.)	
Site for development of wholesale produce market	644
Wholesale fruit and vegetable markets	612, 645
Public, consideration as civic investment	640
Regional	
Boston	449
Development of cooperative regional produce markets in Northeast and their place in future of northeastern agriculture	631
Organization	449
Roadside. <u>See</u> Roadside markets.	
Rosenhayn, N. J., cooperative auction	80
St. Louis	
Cooperative marketing of fruits and vegetables	642
Wholesale fruit and vegetable	593, 624
Southern farmers	600
South's need for improved methods of marketing	602
Study book for children	632
Supermarket and chain-store food prices	633
Swedesboro, N. J., cooperative auction	80
Terminal	
Changes in terminal market agencies and practices	609
Fruit and vegetable marketing institute, Camden, N. J., discussion	45
Handling of perishable food products	630
Improvements	599
Modernizing, Federal aid	598

Item	
Markets (Cont.):	
Terminal (Cont.)	
National association of marketing officials	548
Problems	648
Problems of fruit and vegetable cooperatives	634, 639, 641
Terre Haute, prices and receipts of fruits and vegetables sold on producers market	618
Vineland, N. J., cooperative auction	80
Watertown, N. Y., public market	589
Wholesale	
For fruits and vegetables in 40 cities	604
Weaknesses and indicated improvements	601
Wilmington curb market	621
Women's, farm	617
Marsh, R. S.: National defense program for fruit growers	4
Marshall, Roy E.: Production and price trends in the pitted red cherry industry	253
Maryland. Agricultural experiment station:	
Baltimore wholesale fruit and vegetable markets	591
Marketing farm products through community auctions	85
Production and marketing of Maryland sweet potatoes	496
Roadside markets in Maryland	652
Maryland. Forestry dept.:	
Collecting and marketing black walnuts	519

<u>Item</u>	<u>Item</u>
Massachusetts. Agricultural experiment station: Costs and returns - snap beans for canning in 1940 381	Melons (Cont.): <u>See also</u> Cantaloupes; Muskmelons; Water- melons.
Cranberry industry in Massachusetts 237	Merchant, Charles H.: Marketing Maine pota- toes: A preliminary report on interre- gional competition of Maine potatoes on the Boston market 442
Massachusetts. Dept. of agriculture, Division of markets: Survey of road- side market selling, including a special anal- ysis of the consumer's attitude 658	Merchant, Clyde D.: Some "believe-it-or-not's" of the apple industry 202
Massachusetts. State col- lege, Extension service: Onion situation in the Connecticut Valley 513	Mercker, A. E.: Operation of government potato programs 443
Maxton, J. L.: Survey of conditions affecting the production and marketing of white potatoes on the eastern shore of Virginia 441	Michaels, Augusta D.: How to sell fruits and vegetables 36
Maxwell, M. V.: Marketing of Tule Lake and Klamath potatoes 459	Michigan. Agricultural experiment station: Consumer demand for apples in Michigan 186
Mayes, Jewell: Missouri apple labelling law and the Missouri-U. S. grades for apples 200	Marketing Michigan beans 382
Meal, W. G.: Application of marketing agreements to north- eastern fruits and vegetables 78	Marketing Michigan vegetable crops 356
Are we making the maximum use of standardization in meeting our distri- bution problems? 536	Marketing potatoes in Michigan with special attention to market prefer- ences 446
Farm Board policies with reference to Nation- wide cooperative mar- keting of fruits and vegetables 21(1932)	Michigan pear indus- try 322
Why and how of apple grades 201	Production and price trends in the pitted red cherry industry 253
Melons: Honey Dew and Honey Ball, U. S. standards 565	Production-consumption balance of agricul- tural products in Michigan; fruits and vegetables 71
	Public produce markets of Michigan 643
	Michigan. Dept. of agricul- ture, Bureau of foods and standards: Standard grades for fruits and vegetables 547

<u>Item</u>	<u>Item</u>
Middletown, N. Y., public market 584	Mississippi: Tomatoes, marketing order no. 37 98
Mighell, R. L.: Onion situation in the Connecticut Valley 513	Mississippi. Agricultural experiment station: Compilation of experimental and other data on harvesting, curing, marketing and feeding sweet potatoes 490
Miller, Admer D.: Services the fruit auctions offer cooperatives 152	Missouri. Agricultural experiment station: Cooperative marketing of fruits and vegetables 642
Miller, Julian C.: Study of some factors affecting the production and marketing of Louisiana carrots 511	Market organization and costs in the St. Louis wholesale fruit and vegetable market 624
Miller, R. L.: Raisin pro- ration program 338	Missouri. Dept. of agricul- ture: Missouri apple labelling law and the Missouri-U. S. grades for apples 200
Mimms, O. L.: Markets and market preferences for Idaho potatoes 444	Moles, H. S.: Study of some factors affecting the production and marketing of Louisiana carrots 511
Minges, P. A.: Handling and marketing Iowa sweet potatoes 492	Monroe, Day: Food buying and our markets 629
Minneapolis. City planning commission: Report on the proposed development of a wholesale commission market adjoining the existing growers produce market in the city of Minneapolis 628	Montana. Agricultural experiment station: Economics of bean produc- tion and marketing in Montana 385
Minnesota. Agricultural experiment station: Market outlets for Minnesota fruits 166	More, Charles W.: Credit needs of cooperatives in the tree fruit industry 15
Seasonal variations of prices and mar- ketings of Minn- esota agricultural products, 1921- 1935 482	Morgan, N. D.: Marketing Iowa cantaloupes 401
Study of the demand for potatoes in the Twin Cities 423	Morrison, W. W.: Retail trade practices and pre- ferences for early-crop potatoes in Chicago, and quality analyses of potatoes offered for sale to consumers, 1940 466
Minnesota. University, Agricultural extension division: Better potatoes - more money 483	Mottern, H. H.: By-products from apples and other fruits 155
Marketing costs of Minnesota foods 424	
Packing Minnesota fruits for market 577	

<u>Item</u>	<u>Item</u>
Motts, G. N.:	Mushrooms:
Consumer preferences and retail practices as they affect grading and marketing by potato cooperatives	From Kennett Square area of Pennsylvania, and growers' and buyers' attitude concerning proposed marketing plans for mushrooms
445	507
Marketing potatoes in Michigan with special attention to market preferences	Standards, U. S., for canned and fresh
446	565
Production-consumption balance of agricultural products in Michigan; fruits and vegetables	Muskmelons:
71	Marketing
Motz, F. A.: Problems involved in the international fruit trade of the United States and Canada	405
153	Illinois
Mumford, Herbert W., Jr.: Commercial trucking of fruits and vegetables in nine Atlantic Coast States; prepared for the use of farmers cooperative associations	404
44	See also Cantaloupes.
Economic study of some problems of western Illinois apple growers	Mustard greens, U. S. standards
203	565
Marketing Maine potatoes: Retail distribution of potatoes in the Boston Metropolitan area, March 1940	Nafziger, Herbert: What a local fruit growers association can do for its members
447	21(1940)
Study of the marketing of 10,000 cars of Aroostook potatoes, 1935	National apple institute: Sixth annual meeting, papers and proceedings
448	204
Murata, Kenichi: Annual summary of fruit and vegetable unloads in Honolulu, 1939	Some current problems in marketing apples
50	222
Five-year summary of fruit and vegetable unloads in Honolulu, 1936-1940	What's ahead; export situation
51	210
Summary of shipments of fruits and vegetables from Hawaii to the mainland, 1940	National association of marketing officials:
52	Future State marketing programs; factors to be emphasized in the marketing of vegetables and fruits
	72
	Handling of perishable food products in the terminal market
	630
	Transition in marketing procedure; terminal markets, packaging of produce
	548
	National canners association:
	Marketing grapefruit, an analysis of the principal factors underlying distribution problems of the grapefruit canning industry
	274

Item

Item

National canners association (Cont.):	
Marketing red cherries	254
National food situation	116
National potato institute:	
Marketing potatoes in consumer packages	471
Nectarines, U. S. standards	565
Nelson, Milton N.:	
Economic study of the cherry industry with special reference to Oregon	255
Economic study of the small-fruit industry in Oregon	238
Nemir, Albert S.: 1937 review of United States foreign trade in edible nuts	527
Neskaug, S. R.: Marketing strawberries cooperatively in Tennessee	239
Neubrech, W. LeRoy: American wooden boxes and crates	549
New England institute of cooperation:	
Proceedings of annual meetings	73, 448, 449, 631
Reports on cooperative conferences held with stockholders of Springfield bank for cooperatives	74, 75
New England research council on marketing and food supply: Report of a study on consumer preferences for potatoes in the Boston market	450
New Hampshire. Agricultural experiment station:	
Consumer preferences for potatoes	456
Marketing potatoes in New Hampshire	457

New Hampshire.. Agricultural experiment station (Cont.):	
Markets and prices for New Hampshire berries	234
New Hampshire. College of agriculture: Charts and tables relating to the small fruit industry in New Hampshire	233
New Hampshire. University, Extension service:	
Proceedings of the Roadside operators' conference, 1931	659
Suggestions for agricultural roadside stands	653
New Haven, Conn., marketing fruits and vegetables in market	596
New Jersey:	
F.O.B. auctions and country concentration points	130
Roadside market of State experiment station, experiences in conducting	650
New Jersey. Agricultural experiment station:	
Economic situation facing New Jersey vegetable growers	352
New York market prices of certain New Jersey vegetables, 1910-1933	372
Picture of the asparagus industry for New Jersey farmers	378
New Jersey. Dept. of agriculture:	
Apple industry in New Jersey	170
Contracting for canning tomatoes by grade	502

<u>Item</u>	<u>Item</u>
New Jersey. Dept. of agri- culture (Cont.):	New Jersey. State college of agriculture, Dept. of agricultural economics, Rutgers university (Cont.):
Development of cannery asparagus grading in New Jersey 375	Average yield required to meet expenses or break even based on 1939 estimated costs - vegetables for market 349
Fruit and vegetable auction markets of New Jersey 80	Change in commercial acreage of truck crops in the United States and certain sub-divisions and trend of price of vegetables in New Jersey 350
Marketing apples - New Jersey and com- peting States 183	Seasonal variation of vegetable prices 351
Marketing cannery asparagus by grades in New Jersey 377	New Mexico. Agricultural experiment station:
Philadelphia and New York as markets for New Jersey fruits and vegetables 42	Economics of the pro- duction and market- ing of apples in New Mexico 175
Survey of the cran- berry and blueberry industries in New Jersey 236	Market outlets for New Mexico onions 508
Truck crops in New Jersey and compet- ing areas 355	New York American council, Institute of Pacific relations: California fruit growers exchange; an example of cooperation in the segregation of conflicting interests 265
New Jersey. Dept. of agri- culture, Bureau of markets:	New York (City):
Annual potato summary, 1940 451	Competition between apples and other fruits at retail 156
Size of potato sacks in general use 439	Cost of marketing fruits and vegetables, and prices received on farmers market 637
New Jersey. State college of agriculture, Agricul- tural extension service:	Marketing fruits and vegetables on farmers' markets, New York metropolitan district 638
Experiences in conducting the roadside market of the New Jersey State experiment station 650	Proposed reorganization of fruit and vegetable terminal markets 626
New Jersey. State college of agriculture, Dept. of agricultural economics, Rutgers university:	
Acreage and price trends in the vege- table industry in the United States and New Jersey, and outlook for 1941 348	

<u>Item</u>	
New York (City) (Cont.):	
Retail outlets for fruit cooperatives in	156
Retail sales of fruits in	156
Wholesale fruit and vegetable markets	606
Wholesale prices of fruits and vegetables at	111
New York (City). Dept. of investigation: Cost of production and price margins for Long Island potatoes, 1939	440
New York (City). Dept. of public markets, weights and measures: Survey of the division of the consumers' dollar used in the purchase of fresh fruit and vegetables in New York City, July 1-December 31, 1936	76
New York (Cornell). Agricultural experiment station:	
Consumption of certain perishable farm products in Albany, New York	60
Cooperative purchasing and marketing organizations in New York State	53
Costs and returns for the cabbage enterprise, 1938 and 1939	387
Costs and returns in producing apples in the Newfane-Olcott area, Niagara County, New York, 1926 to 1928	197
Costs and returns in producing potatoes in New York in 1929	475

<u>Item</u>	
New York (Cornell). Agricultural experiment station (Cont.):	
Economic study of fruit and vegetable wholesaling and jobbing firms in New York City	48
Economic study of grape farms in eastern United States, harvesting and marketing	300
Economic study of the marketing of certain perishable farm products in Albany, New York	61
Handling and shipping lettuce in New York	398
Joint correlation applied to the quality and price of McIntosh apples	211
Marketing and distribution of certain perishable farm products in the Lower Hudson Valley	62
Marketing apples in the Champlain Valley	215
Peach enterprise in western New York; soil relationships, costs and returns, and marketing	307
Production and marketing of cauliflower in Delaware County, 1936	390
Production and marketing of celery	509

<u>Item</u>	<u>Item</u>
New York (Cornell). Agricultural experiment station (Cont.):	New York (Cornell). State college of agriculture, Dept. of agricultural economics and farm management (Cont.):
Production and marketing of lettuce in Oswego County, 1936	Costs and returns in growing and harvesting canning factory tomatoes
394	498
Quality of lettuce as it affects the New York lettuce industry	Factors affecting the year-to-year changes in the farm price of western New York apples
397	178
Relation of market quality to the price received for Long Island cauliflower	Facts relating to consumer and retailer demand for preferences for potatoes
391	417
Some facts concerning country fruit and vegetable auctions in Eastern seaboard States	Hornell public market
25	581
Wax emulsions for vegetables	Information on the marketing of farm produce at five regional markets in up-State New York, summer, 1938
363	619
New York (Cornell). State college of agriculture, Dept. of agricultural economics and farm management:	Kingston public market
Analysis of relative sales of late crop potatoes sold at retail	582
205	Lockport public market
Analysis of the public market situation in Jamestown, N. Y.	583
623	Market demand for potatoes
Apple marketing	418
205	Marketing western New York peaches
Apple yields, prices, markets, Ulster County, Hudson Valley, New York, 1933-35	306
214	Middletown public market
Changes in apple prices with special reference to varieties	584
227	North Tonawanda public market
Cherry enterprise in western New York	585
252	Norwich public market
	586
	Olean public market
	587
	Pear enterprise in western New York
	321
	Potato inspections in retail stores; an analysis of inspections in 14 cities of up-State New York, 1936-37
	419

<u>Item</u>	<u>Item</u>
New York (Cornell). State college of agriculture, Dept. of agricultural economics and farm management (Cont.):	New York (State):
Producing and marketing apples in Sodus and Williamson, Wayne County, New York, for the crops of 1937 and 1939	Marketing of farm produce at five regional up-State markets
Prune enterprise in western New York	Public produce markets in up-State New York
Reasons for differences in the price of apples received by Ulster County growers, 1937 crop	Roadside market survey
Roadside market survey	Synopsis of eight farmers' retail markets
Synopsis of eight farmers' retail markets, New York State	New York (State). Dept. of agriculture and markets: Agriculture and markets law
Watertown public market	New York (State). Fruit and vegetable commission: Report...grading, packing, sale, and distribution of fruit and vegetables in New York State
New York (Cornell). State college of agriculture, Extension service:	News for Farmer Cooperatives
Harvesting and packing apples, peaches and pears	Noble, C. V.: Florida truck crop competition; Interstate and foreign
Potato situation and the status of potato research in New York	Nold, Truman: Increasing demand for apples
Retail handling of vegetables	North Tonawanda, N. Y., public market
Selling farm products through roadside markets	Northeast Kansas apple association: Increasing demand for apples
Some facts concerning the marketing of eastern grapes	Northeastern States agricultural conference, proceedings
Competition, distribution, and wholesale marketing	Norton, V. C.: Better potatoes - more money
Retail distribution and consumer demand	Norton, W. J.: Fruit markets in eastern Asia
	Norwich, N. Y., public market
	Nourse, Edwin G.: Marketing agreements under the AAA
	Nuts:
	Cooperatives handling
	Disposition, farm, and value
	Exports from United States, 1937 review
	Marketing native crops of the north

<u>Item</u>	<u>Item</u>
Nuts (Cont.):	Olives:
Shipping seasons for	Economic statistics relat-
California crops 30	ing to California
Statistics 99	industry 342
Supply of filberts and	Standards, U. S. 565
of other tree nuts 528	Utilization of California;
See also Credit; Fil-	canned olives 346
berts; Peanuts;	Onion sets, U. S. standards 565
Pecans; Walnuts;	Onions:
World War II.	Federal trade commission
Ockey, William C.: North-	report 126
eastern vegetable and	Marketing 512
potato marketing pro-	Marketing orders
gram, 1939 season 361	nos. 14, 43 98
Ohio. Agricultural experi-	New Mexico, market
ment station:	outlets 508
Marketing cannery	Situation in Connecticut
tomatoes on grade	Valley 513
in Ohio 499	Standards, U. S. 565
Marketing Ohio toma-	Onsley, Odille: Markets 632
atoes to processors	Orange juice:
on grades 500	Manufacture and use of
Roadside marketing of	California canned 278
agricultural prod-	Standards, U. S. 565
ucts by Ohio	Oranges:
farmers 655	Federal trade commission
Ohio. State university,	report 126
and Agricultural experi-	Industry, economic study 281
ment station:	Marketing orders
Cost of marketing	nos. 2, 33 98
fruits and vege-	Prices of California
tables in the	oranges, seasonal
Columbus wholesale	average, f.o.b.,
curb market 625	1922-23 to 1937-38 288
Experiment in packing	Shipments of California
Ohio apples 193	oranges, regulating 287
Marketing Ohio grapes 296	Situation, 1939,
Ohio farm bureau cooperative	analysis 286
association, marketing	Standards, U. S. 565
potatoes through 429	Statistical information
Okra, U. S. standards 565	on industry 263
Olcott, Margaret T.: Bib-	Oregon:
liography on the market-	Fruits and vegetables,
ing of agricultural	marketing through
products 683	cooperative canning
Olean, N. Y., public market 587	associations 139
Oley, Warren W.: Fruit and	Pears, marketing order
vegetable auction markets	no. 39 98
of New Jersey 80	Potatoes, marketing
	order no. 57 98

	<u>Item</u>
Oregon (Cont.):	
Problem in marketing agricultural products	66
Prunes, fresh, marketing order no. 26	98
Walnuts, marketing order no. 1	98
Oregon. Agricultural exper- iment station:	
Economic study of small-fruit indus- try in Oregon	238
Economic study of the cherry industry with special refer- ence to Oregon	255
Some economic consid- erations affecting the marketing of Oregon dried prunes through cooperative dried-prune-packing associations	330
Some economic consid- erations of market- ing Oregon fruits and vegetables through co-oper- ative canning associations	139
Oregon. State agricultural investigating committee:	
Marketing Oregon fruits	154
Oregon. State board of higher education: Ore- gon's problem in market- ing agricultural and industrial products	66
Osmun, R. A.: Army goes shopping for fruits and vegetables	5
Outlook charts:	
Fruit Situation; 1942 out- look issue with charts	161
Fruits and vegetables, 1941	112
Potatoes and truck crops, 1940	368

	<u>Item</u>
Outlook charts (Cont.):	
Vegetable Situation; 1942 outlook issue with charts	370
Pacific northwest chemurgic conference: Proceed- ings, 1937	155
Pacific northwest fruit industry. See <u>Fruits</u> .	
Packages:	
Cotton bags as consumer packages for farm products	540
Modern, as sales factor in food marketing	534
Standardization from weights and measures standpoint	548
Table of number of pack- ages per carload	568
Types desirable	548
Packaging:	
American management asso- ciation, subject as developed by	534
Art of	539
Guide to current prac- tices in packaging of typical commodities	571
Perishable farm produce, problems	630
Packing:	
American management asso- ciation, subject as developed by	534
Export, modern	546
Florida produce	543
See also <u>Fruits</u> - Pack- ing; Vegetables - Packing; and names of particular commod- ities.	
Packing equipment, fruit	535
Packing houses:	
Floor plans	207
Operating costs in the Eastern Panhandle of West Virginia	224
Peaches, floor plan	312

<u>Item</u>	<u>Item</u>
Pailthorp, R. R.:	Park, J. W. (Cont.):
How federal grades for	Marketing the commercial
fresh fruits and vege-	crop of early pota-
tables are being	toes 452
adapted to consumers'	Marketing the late crop
needs 551	of potatoes 453
Marketing apples 208	Preparing apples for
Preparing apples for	market in barrels and
market in barrels and	baskets 207
baskets 207	Preparing peaches for
Palen, Russell A.: Meeting	market 312
the retailers' require-	Wholesale fruit and vege-
ments 21(1932)	table markets of
Pan American union, Division	New York City 606
of agricultural coopera-	Parsley, U. S. standards 565
tion:	Parsons, Franklin L.:
Cooperative marketing	Market quality of Kansas
of fruits and vege-	potatoes as determined
tables in the	by Federal inspec-
United States 68	tions 454
Marketing California's	Retailer preferences and
fruits coopera-	quality analysis of
tively 159	potatoes on Kansas
Parity, income from	City markets in June
Potatoes 477	1940 455
Sweetpotatoes 497	Roadside marketing of
Truck crops and farm	horticultural products
gardens 367	in Kansas 660
Park, J. W.:	Parsons, Merton S.: Some
American fruit and vege-	economic phases of the
table auctions 81	marketing of Maine
Dealer service in the	apples 209
fresh fruit and vege-	Paulhamus, Dwight: Sales
table industry 82	promotion plan for
Economic study of the	cooperatives 21(1938)
pecan industry 526	Paulson, W. W.: Mixed car-
Factors affecting returns	load in distribution of
to Louisiana straw-	vegetables from the Lower
berry growers 243	Rio Grande Valley of
Market distribution and	Texas 362
price spreads of	Peaches:
Louisiana strawber-	Bibliography on peach
ries 247	industry in United
Market distribution of	States 669
car-lot shipments of	Canned
fruits and vegetables	Foreign markets for
in the United States 83	California 315
Marketing apples 208	National California
Marketing cantaloups and	canned peach sale 316
other muskmelons 405	Prices received for,
Marketing onions 512	by canners in
	California 318,319

<u>Item</u>	
Peaches (Cont.):	
Canned (Cont.)	
Standards, U. S.	565
Statistical analysis of annual average f.o.b. prices of canned clingstone peaches	320
Canning, economic anal- ysis relating to marketing of, grown in California	317
Containers	312
Dried	
Foreign markets for	315
Supplies and ship- ments, California	311
Economic status of Kings County, Calif., Elberta peaches	311
Federal trade commission report	126
Fresh	
Marketing orders nos. 36, 40, 50	98
Standards, U. S.	565
Grades and inspection	312
Grading	552
Marketing	
Illinois	308,309
New York State, western	306,307
Packing	552
Preparing for market	312
Prices, weighted average, received at eastern auction markets for California peaches	313,314
Situation, Illinois, 1939	310
Supply, demand, prices, California peaches	315
Peanut butter, U. S. standards	565
Peanuts:	
Bibliography on industry	686
Commodity year book, 1941	522
Disposition by States	532
Grading	525

<u>Item</u>	
Peanuts (Cont.):	
Marketing	521
Cooperatively	523
Quotas, Congressional hearing	530
White Spanish variety in southeastern States	525
Prices and competition among peanut mills	533
Standards, U. S.	565
Pearce, R. N.:	
Wholesale market prices at Los Angeles, fruits and vegetables 1932-1937	117
1940	109
Pears:	
Canned	
Prices received for, by canners on Pacific coast	324
Standards, U. S.	565
Statistical analysis of annual average f.o.b. prices of Pacific Coast canned Bartlett pears	327
Cannery, U. S. standards	565
Enterprise in western New York	321
Foreign trade situation	195
Fresh, U. S. standards	565
Grading	552
In the market	28
Industry, Michigan	322
International trade promotion as means of extending markets	218
Marketing orders nos. 36, 38, 39	98
Packing	552
Prices, weighted average received at eastern auction markets for California pears	325,326
Washington, on New York and Chicago fruit auctions	323

<u>Item</u>	<u>Item</u>
Pearson, James H.: Organi- zation and teaching procedure to be followed in evening agricultural schools on the marketing of vegetables 84	Pennsylvania. Dept. of agri- culture, Bureau of mar- kets: Official grades for fruits and vegetables in Pennsylvania 553
Peas:	Pentzer, W. T.: Precooling and shipping California asparagus 376
Canned	Peoria, Ill., market for fresh fruits and vege- tables in 608
Standards, U. S. 565	Peppers, sweet, U. S. standards 565
<u>See also</u> Consumption.	Perham, B. A.: Industry problems confronting Pacific Northwest fruit growers 21(1938)
Dry, marketing in Palouse area, Washington 514	Periodicals:
Fresh, U. S. standards 565	Issued by farmers' market- ing and purchasing associations 696
Grading, California 516	List of periodicals con- taining prices and other statistical and economic information on fruits, vegetables and nuts 676
Inspection and certifica- tion, rules and regulations 561	Received in Library of U. S. Dept. of agri- culture June 1, 1936 690
Marketing order no. 10 98	Perishable Agricultural Commodities Act:
Packing, California 516	Rules and regulations of Secretary of agriculture for enforcement 562
Pecans:	Work under 556
American, Europe as market for 531	Perry, R. L.: Precooling and shipping California asparagus 376
Economic study of industry 526	Peters, Charles W.:
Marketing problems of southern States 520	Some economic considera- tions affecting the marketing of Oregon dried prunes through cooperative dried- prune-packing asso- ciations 330
Standards, U. S. 565	
Peck, Brainerd T.:	
Connecticut apples from tree to consumer 213	
Connecticut fruit and vegetable marketing handbook 32	
Peck, G. W.: Harvesting and packing apples, peaches and pears 552	
Pennsylvania:	
Potatoes, methods and costs of marketing 486	
Pennsylvania. Agricultural experiment station:	
Marketing Pennsyl- vania potatoes in fifteen-pound containers 414	
Philadelphia wholesale fruit and vegetable markets 612	
Potato marketing in Pennsylvania 438	

<u>Item</u>	<u>Item</u>
Peters, Charles W. (Cont.): Some economic considerations of marketing Oregon fruits and vegetables through co-operative canning associations 139	Plotenius, Hans: Handling and shipping lettuce in New York 398 Retail handling of vegetables 358 Wax emulsions for vegetables 363
Peterson, V. C.: Cranberry industry in Massachusetts 237	Plette, Ivan: Importance of strict and uniform inspection to the fruit and vegetable industries 536
Philadelphia: Market improvement project, summaries of activities 646, 647 Site for development of wholesale produce market 644 Wholesale fruit and vegetable markets 612, 645	Plums: Canned, U. S. standards 565 Containers, Michigan 577 Fresh Marketing order no. 36 98 Standards, U. S. 565 Marketing northwestern fresh prunes 333 Prices, weighted average, received at eastern auction markets 344, 345
Phillips, C. D.: Organization and management problems of cooperative strawberry marketing associations in Kentucky 248 Organization of the Louisville wholesale fruit and vegetable market 635, 636	Poffenberger, P. R.: Marketing farm products through community auctions 85
Phillips, Charles F.: Supermarket and chain-store food prices 633	Pond, Reed K.: Economic data for dry edible beans, 1924-40 384
Phillips, R. G.: What's ahead [for the apple industry]: Export situation 210	Poole, James: Some economic aspects of the filbert industry; with particular reference to trends in the supply of filberts and of other tree nuts 528
Pierce, C. W.: Marketing and distribution of certain perishable farm products in the Lower Hudson Valley 62	Pooling, lemons, maintenance of substantial equity 289
Pineapples, U. S. standards 565	Potato growers, coordination of credit, purchasing and marketing 16
Pitt, D. T.: Survey of the cranberry and blueberry industries in New Jersey 236	Potatoes: California and Hawaii, relation between potato industries 460 Chicago market Competitive position 412 Economic organization and competitive status 413
Pitt, H. E.: Terminal market problems of fruit and vegetable cooperatives 634	

<u>Item</u>	
Potatoes (Cont.):	
Colorado potato growers exchange, experience	431
Commercial crop, origin and distribution	470
Commodity year book, 1941	522
Consumer packages, marketing in	471
Consumer preferences	410
New Hampshire	456
Consumer preferences and retail practices as they affect grading and marketing by potato cooperatives	445, 485
Consumers, interesting in northeastern food products	449
Containers	
Pennsylvania, marketing in fifteen-pound containers	414
Size of sacks in general use	439
Cooperative marketing	449
Maine	448
Problems	409
Costs and returns in producing	
Aroostook County, Maine	461
Central Maine	462
New York State	475
Demand	
Market	418
Theory and measurement	463
Twin Cities	423
Demand and preferences, consumer and retailer	417
Disposition	478
Disposition and value	479
Economic study of white potatoes in Dade County, Fla.	436

<u>Item</u>	
Potatoes (Cont.):	
Federal trade commission report	126
Florida, growing	416
Government programs	
Operation	443
Possibilities and limitations	432
Idaho	411
Grading	415
Consumer preferences and retail practices as they affect grading by potato cooperatives	445, 485
Idaho	444
Hastings potato growers' association, Fla., business analysis	427
Income, calendar years 1910-38	477
Inspections in retail stores, up-State	
New York	419
Intersectional cooperation and production control	472
Kaw Valley potato marketing association,	
Kansas	428
Marketing	476
Competing regions	481
Consumer packages	471
Costs, Minnesota	424
Early	
Arkansas	464
Commercial crop	452
Kern County, Calif.	437
Problems	430
Idaho, markets and market preferences for Idaho potatoes	444
Indiana	425
Late-crop	453

<u>Item</u>	
Potatoes (Cont.):	
Marketing (Cont.):	
Maine	422,433
Boston retail	
prices as asso-	
ciated with types	
of packages,	
retailers, and	
consumer incomes,	
February 26 to	
April 6, 1940	420
Damage in selected	
bags at Maine	
shipping points	
and in Boston	
wholesale and	
retail markets	434
In Maine and in	
Boston	467
Interregional compe-	
tition of Maine	
potatoes on	
Boston market	442
Organization and	
market practices	
in Maine and	
Boston	435
Problems	407,468
Purchase and use of	
potatoes and sub-	
stitutes in homes	
of Boston consum-	
ers, March 4 to	
April 6, 1940	421
Quality related to	
market prices	484
Retail distribution	
of potatoes in	
the Boston Metro-	
politan area,	
March 1940	447
Sampling procedure	
used in study of	
consumer prefer-	
ences in part of	
Metropolitan	
Boston area	450
10,000 cars of	
Aroostook pota-	
toes	448

<u>Item</u>	
Potatoes (Cont.):	
Marketing (Cont.):	
Merchandising prob-	
lems	458
Michigan, with	
special attention	
to market prefer-	
ences	446
Mid-season market,	
factors influenc-	
ing	469
New Hampshire	457
Northeastern program	361
Ohio, through Ohio	
farm bureau coop-	
erative associa-	
tion	429
Pennsylvania	438
Methods and costs	486
Tule Lake and Klamath,	
California and	
Oregon	459
Virginia, survey of	
conditions affect-	
ing the production	
and marketing of	
white potatoes on	
eastern shore	441
Western, problems	487
Marketing orders	
nos. 57, 58	98
New Jersey, annual potato	
summary, 1940	451
Northeastern States	
agricultural confer-	
ence, recommendations	78
Outlook charts, 1940	368
Packages, Boston retail	
prices as associated	
with types of	420
Prices	
Local market price	
movements, South	
Dakota	480
Louisiana	37
Price margins, Long	
Island	440
Prices and marketings,	
seasonal varia-	
tions, Minnesota	482

Prices (Cont.):

Bibliographies (Cont.)

Price studies of U. S.	
Dept. of agricul- ture showing demand-price, supply-price, and price-production relationships	671
Demand and price situa- tion	114
<u>See also</u> Fruits - Prices; Vegetables - Prices; and names of particu- lar commodities.	
Prince, G. E.: Marketing problems of the vegetable industry of Charleston, Beaufort, and Colleton Counties, South Carolina	364
Processed foods, labeling in terms of U. S. grades	574
Produce Agency Act: Rules and regulations for enforcement	563
Production control and ship- ment proration as they affect cooperative marketing	136
Proration:	
Bibliography, prorate mar- keting of fruits and vegetables under the Agricultural adjust- ment administration and California agri- cultural prorate commission	681
California proration plans for fruits and vegetables	95
Compulsory, in agricul- tural marketing, economic and legal aspects	94
Economic and legal aspects of compulsory proration in agricul- tural marketing	94

	<u>Item</u>
Proration (Cont.):	
Market prorates as restrictions on internal trade	40
Procedure in prorating a crop; program for prorating marketing of potatoes	39
Raisins	28,336,337,338,339
Shipment prorations as they affect cooperative marketing	136
Prugh, A. E.:	
Wholesale market prices at Los Angeles, fruits and vegetables	
1932-1937	117
1940	109
Prunes:	
Dried	
Oregon industry	
Marketing through cooperative dried-prune-packing associations	330
Rehabilitation	154
Standards, U. S.	565
Enterprise in western New York	329
Fresh	
Marketing northwestern	333
Marketing order no. 26	98
Standards, U. S.	565
Industry, status, 1940	28
Marketing program	
California	328
Developments	331
Explanation	332
Pyle, John Freeman: Marketing principles, organization and policies	86
Quality:	
California fruit growers exchange, accomplishments in quality 21(1933)	
Quality improvement as a goal for cooperation	21(1933)

	<u>Item</u>
Quality (Cont.):	
See also Vegetables - Quality; and names of particular commodities.	
Quitslund, Ford A.:	
Competition between fruits at retail, New York City, November 1939	156
Cooperative possibilities in improving apple sales (leaflet)	212
Cost of marketing fruits and vegetables, and prices received on the farmers markets at New York City	637
Retail outlets for fruit cooperatives in New York City	156
Sales of fruits at retail, New York City, March 1940	156
Some facts concerning competition between apples and other fruits at retail, New York City	156
August 1939	156
Radio broadcasts, directory of market news	102
Raeburn, John R.: Joint correlation applied to the quality and price of McIntosh apples	211
Ragsdale, Elmo: Growing and marketing Georgia sweet potatoes	494
Raisins:	
Foreign production, trade, and government aid in industry	334
Marketing program, California	336
Proration 28,336,337,338,339	
Sales and prices, California	335
Tariff commission survey	305
Vineyard industry, California	295
See also Exports from United States.	

<u>Item</u>	<u>Item</u>
Rasmussen, Marius P.:	Rasmussen, Marius P. (Cont.):
Competition between	Use of motortrucks in
fruits at retail,	marketing fruits and
New York City,	vegetables; an anal-
November 1939 156	ysis of the experiences
Cooperative possibilities	of growers, coopera-
in improving apple	tive associations, and
sales (leaflet) 212	others in nine States
Marketing fruits and	tributary to the
vegetables on farmers'	New York market 87
markets, New York	Raspberries:
metropolitan district 638	Canned and fresh,
Potato situation and the	U. S. standards 565
status of potato	Containers, Michigan 577
research in New York 473	Markets and prices,
Present and future of	New Hampshire 233, 234
fruit and vegetable	Read, F. W.: Enlarging mar-
cooperatives in the	kets through cooperative
Northeast 74	action 21(1938)
Retail outlets for fruit	Read, Phyllis R.: List of
cooperatives in	available publications
New York City 156	of the U. S. Dept. of
Retailing apples in New	agriculture, January 2,
York City, season of	1940, arranged by
1937-38 205	subjects 699
Sales of fruits at	Receipts:
retail, New York City,	Connecticut markets 34
March 1940 156	Mainland, summary of
Some acute problems in	shipments of fruits
the marketing of	and vegetables from
fruits and vegetables	Hawaii to 52
in the northeastern	San Francisco, fresh
States 78	fruits and vegetables,
Some facts concerning	by motor truck 106
competition between	Truck, of fresh fruit and
apples and other	vegetables at
fruits at retail, New	13 important markets 108
York City 156	Reddick, Donald: Potato
August 1939 156	situation and the status
Some facts concerning the	of potato research in
marketing of eastern	New York 473
grapes	Reed, C. A.: Harvesting and
Part I, Competition,	marketing the native nut
distribution,	crops of the north 529
and wholesale	Reed, D. W.: Maine
marketing 298	potatoes 422
Part II, Retail dis-	Renne, R. R.: Economics of
tribution and	bean production and mar-
consumer demand 299	keting in Montana 385

<u>Item</u>	<u>Item</u>
Research:	Roadside markets..... 656, 661, 663
Survey of business	Basic information
research projects at	sources 693
universities..... 123	Bibliography..... 695
Urgent needs for, in mar-	California, opportunity
keting fruits and	by the roadside 662
vegetables 131	Delaware 654
Retailers' requirements,	How roadside shops can
meeting 21(1932)	be turned into money-
Revzan, David A.:	attracting magnets 659
Location of the South	Kansas, roadside market-
Water wholesale fruit	ing of horticultural
and vegetable market	products 660
in Chicago 613	Maryland 652
Physical distribution of	Massachusetts, survey,
fresh fruits and	including a special
vegetables 614	analysis of the con-
Transportation and mar-	sumer's attitude 658
keting facilities for	New Jersey State experi-
fresh fruits and	ment station 650
vegetables in Chicago 615	New York State, survey 657
Use of transportation	Ohio farmers, marketing
facilities in the	of agricultural prod-
Chicago fruit and	ucts by 655
vegetable market 616	Roadside operators'
Rhode Island. Agricultural	conference,
experiment station:	New Hampshire 659
Study of apple contain-	Selling farm products
ers 177	through 651
Rhodes, Neill: Production,	Stands, suggestions for 653
distribution and compe-	Successful methods of
tition of Florida	roadside marketing 659
vegetables 365	Robb, F. G.: Exporting
Rice, James O., ed.: Pack-	fresh fruits and vege-
aging, packing, and	tables from the United
shipping; a record of	States to Canada 88
the subjects as developed	Robertson, Lynn: Economic
through the American	considerations in growing
management association 534	canning factory tomatoes
Rich, B. S.: Marketing can-	in northwestern Indiana 504
nery asparagus by grades	Robinson, H. L.: New mer-
in New Jersey 377	chandising problems of
Richardson, H. B.: Some	potatoes 458
economic aspects of the	Rogers, John M.: Terminal
California date industry,	market problems of fruit
March 1941 341	and vegetable coopera-
Rinear, E. H.:	tives 639
Consumer preferences	Rogers, S. S.: Value of
for potatoes 456	strict standardization
Marketing potatoes in	laws and their rigid
New Hampshire 457	enforcement 554

<u>Item</u>	<u>Item</u>
Rollins, H. A.: Connecticut apples from tree to consumer213	Sales campaigns: National California canned peach sale; first of a series of nation-wide producer-consumer campaigns 316
Rose, Dean H.: Influence of packing and handling methods on condition of apples barreled for export191	Sales organization, joint use of, by two cooperatives 145
Rowe, H. R.: Onion situation in the Connecticut Valley513	San Francisco: Receipts of fresh fruits and vegetables by motor truck 106
Royston, Reginald: Important trends in national fruit and vegetable production and distribution 89	Wholesale market prices at, for certain fruits and vegetables 110
Production, disposition, and value of citrus fruits, crop seasons 1909-10 - 1938-39283	Sant, P. T.: Regional differences in the farm price of Irish potatoes and sweet potatoes in Tennessee and United States 408
Rufener, Woodrow W.: Production and marketing of dry peas in the Palouse area 514	Schneider, John B.: List of agricultural marketing programs in California under various Federal and State laws, July 1933 to December 1939 90
Rush, Donald R.: Economic analysis relating to the marketing of canning peaches grown in the State of California317	Marketing Kern County early Irish potatoes, 1941 437
Economic statistics relating to the California olive industry 342	Marketing of Tule Lake and Klamath potatoes 459
Russell, B. A.: Economic study of Sumter County agriculture 65	Marketing San Joaquin Valley sweet potatoes, 1938 495
Russell, Howard S.: How can the Boston regional market be used most effectively? 631	Relation between the Hawaii and California potato industries 460
Ruth, W. A.: Relation of the spray residue problem to cooperative marketing 21(1936)	Some economic aspects of the California cauliflower industry 392
Rutland, H. E.: Economic study of the pecan industry526	Some economic aspects of the California date industry, March 1941 341
St. Louis: Cooperative marketing of fruits and vegetables 642	Schrumpf, William E.: Costs and returns in producing potatoes Aroostook County, Maine461
Wholesale fruit and vegetable markets 593, 624	Central Maine462

Item

Item

Schultz, Henry: Theory and measurement of demand	463
Schweitzer, L. H.: Market organization and costs in the St. Louis wholesale fruit and vegetable market	624
Wholesale fruit and vegetable market of St. Louis	593
Schwenger, Robert B.: New quantity indexes of the foreign trade of the United States in agricultural products (a preliminary presentation)	157
Scoville, G. P.: Apple yields, prices, markets, Ulster County, Hudson Valley, New York, 1933-35	214
Economic study of grape farms in eastern United States; Part II, Harvesting and marketing	300
Marketing apples in the Champlain Valley	215
Marketing New York apples	216
Marketing of apples in the Champlain Valley, New York, 1933-37	205
Methods used by growers in marketing grapes; grape prices, grades, and consumption per capita, New York, Pennsylvania, Michigan, and Arkansas vineyards	301
Producing and marketing apples in Sodus and Williamson, Wayne County, New York, for the crops of 1937 and 1939	217
Scruggs, Frank H.: Annual fruit and vegetable report, 1940-41 season	91

Sellers, Roy: Marketing Arkansas early potatoes	464
Seufferle, C. H.: Production and marketing of Maryland sweet potatoes	496
Shaffer, B. E.: Preparation of eastern grapes for market	302
Shannon, E. M.: Regional differences in the farm price of Irish potatoes and sweet potatoes in Tennessee and United States	408
Shaw, Eldon E.: Economic data for canned tomatoes, 1925-1940	503
Shaw, S. B.: System of marketing canhouse tomatoes that will stabilize acreage and discourage bargain prices on a glutted market	78
Shay, Frank M.: Present status of the prune industry	28
Shear, S. W.: California grape control plan	303
Deciduous fruit statistics as of January, 1941	158
Economic status of Kings County Elberta peaches	311
Effects of the war on California fruit industries	6
Factors affecting annual prices of California fresh grapes, 1921-1929	335
Factors affecting California raisin sales and prices, 1922-1929	335
Shepherd, Geoffrey: Handling and marketing Iowa sweet potatoes	492
Marketing Iowa cantaloupes	401

<u>Item</u>	<u>Item</u>
Sherman, Caroline B.: Is the public market a good civic invest- ment?640	South Dakota: Local market price movements480
Roadside markets661	South Dakota. State college of agriculture, Extension service: Farm women's markets617
Sherman, Val: Changing methods of dried bean distribution386	Spangler, Raymond L.: Important trends in national fruit and vegetable production and distribution89
Sherman, Wells A.: Quality improvement as a goal for cooperation21(1933)	Marketing commercial cabbage388
Slamp, K. R.: Picture of the asparagus industry for New Jersey farmers378	Marketing commercial lettuce399
Smith, C. W.: Terminal mar- ket problems of fruit and vegetable cooperatives641	Marketing Maine potatoes: Damage in selected bags at Maine shipping points and in Boston wholesale and retail markets434
Smith, J. A.: International trade promotion as a means of extending markets218	Preparation of cabbage for market389
Smith, Marvin G.: Economic considerations in grow- ing canning factory tomatoes in northwestern Indiana504	Preparation of fresh tomatoes for market505
Smith, Milton E.: Coordina- tion of credit, purchas- ing and marketing16	Present status of State legislation in the United States as it relates to the stand- ardization of fresh fruits and vegetables 555
Smith, Ora: Potato situa- tion and the status of potato research in New York473	Retail trade practices and preferences for early-crop potatoes in Chicago, and qual- ity analyses of pota- toes offered for sale to consumers, 1940466
Smith, S. R.: Factors affecting annual prices of California fresh grapes, 1921-1929335	Retail trade practices and preferences for late-crop potatoes in Chicago and suburbs, and quality analyses of potatoes offered for sale to consum- ers, 1939-40465
Smyth, E. F.: Some economic aspects of the California cauliflower industry392	Specifications, suggested outline for purchasing canned fruits and vegetables576
Solomon, Joseph H.: Con- trolled distribution of fruits and vegetables92	
South Carolina. Clemson agricultural college, Extension service: Mar- keting problems of the vegetable industry of Charleston, Beaufort, and Colleton Counties364	

	<u>Item</u>
Spilman, H. A.: Work under the Perishable Agricultural Commodities Act	556
Spinach, canned, cannery, and fresh, U. S. standards	565
Sprague, Gordon W.: Marketing Maine potatoes: Damage in selected bags at Maine shipping points and in Boston wholesale and retail markets	434
Organization and market practices in Maine and Boston	435
Purchase and use of potatoes and substitutes in homes of Boston consumers, March 4 to April 6, 1940	421
Marketing Maine potatoes in Maine and in Boston	467
Marketing problems of Maine potato producers	468
Spurlock, A. H.: Florida citrus prices	275,276
Stalker, Glenn: Present status of the almond industry and its prospects for the future	28
Standard Container Acts: August 31, 1916, as amended June 11, 1934, Rules and regulations of the Secretary of agriculture	564
1928, Rules and regulations of Secretary of agriculture	567
Standardization: Farm products	545
Importance to free movement of fruits and vegetables throughout United States	536
Laws and enforcement	554

	<u>Item</u>
Standardization (Cont.): Legislation, State, status in United States	555
Maximum use to meet distribution problems	536
Problems and recommendations, western States	536
Product standards for consumers	542
Standards: Address before National canners association	537
Analysis of condition, quality, and size requirements of United States and State standards for fresh fruits and vegetables	569
Enforcement in California	536
U. S., for food products	565
Stevens, C. D.: Cranberry industry in Massachusetts	237
Stevens, W. Mackenzie: Marketing strawberries by auction at shipping points in Louisiana	249
Stitts, Tom G.: Research and service work aids fruit and vegetable cooperatives	93
Research as solution of citrus problems	277
Stokdyk, E. A.: Cooperative buying and cooperative credit for fruit and vegetable growers	17
Economic and legal aspects of compulsory proration in agricultural marketing	94
Financing agricultural cooperatives	18
Marketing California's fruits cooperatively	159
Marketing globe artichokes	515
Marketing Tokay grapes	304

<u>Item</u>	<u>Item</u>
Stokdyk, E. A. (Cont.):	Stover, H. J. (Cont.):
Sales methods and poli-	Monthly prices of
cies of the Calavo	selected California
growers of	truck crops on the
California 343	San Francisco, Oak-
Some factors influenc-	land, Los Angeles,
ing the mid-season	and New York City
potato market 469	markets, 1910-1934 ... 366
Stone, Ursula Batchelder:	Strawberries:
Food buying and our	Containers, Michigan 577
markets 629	Cooperative marketing
Stover, H. J.:	Associations in Ken-
Analysis of the prices	tucky, organization
received for canned	and management
apricots by canners	problems 248
in California - sea-	Tennessee 239
sons, 1924-25 through	Economic study of small-
1935-36 228	fruit industry,
Analysis of the prices	Oregon 238
received for canned	Financing production and
asparagus by canners	marketing of Louisiana
in California - sea-	strawberries and sug-
sons, 1925-26 through	gested reorganization 251
1934-35 379	Florida, competition
Analysis of the prices	with other crops 365
received for canned	Fresh, berries for freez-
Bartlett pears by can-	ing, and growers'
ners on the Pacific	stock for manufacture,
coast - seasons,	U. S. standards 565
1924-25 through	Handling and shipping
1935-36 324	without refrigeration 244
Analysis of the prices	Marketing
received for canned	Arkansas 245
clingstone peaches by	Auction at shipping
canners in California	points in Louisi-
- seasons, 1924-25	ana 249
through 1935-36 318	California 250
Analysis of the prices	Kansas 240
received for canned	Market distribution
peaches by canners in	and price spreads
California - seasons,	of Louisiana
1922-23 through	strawberries 247
1934-35 319	Markets and prices,
Manufacture and use of	New Hampshire 233, 234
California canned	Problems, Illinois ... 242
orange juice 278	Preparing for market 246

<u>Item</u>	<u>Item</u>
Strawberries (Cont.):	Sweetpotatoes (Cont.):
Prices, Louisiana 37	Marketing (Cont.)
Quality, prices as	Maryland 496
related to, on Con-	Mississippi 490
necticut strawberry	San Joaquin Valley
auctions 241	sweet potatoes 495
Returns to Louisiana	Prices
growers, factors	Farm, of Irish pota-
affecting 243	toes and sweet
Truck crops in New	potatoes in Ten-
Jersey and competing	nessee and United
areas 355	States, regional
Street, M. D.: Maintenance	differences 408
of substantial equity in	Louisiana 37
the pooling of lemons 289	See also Consumption.
Stowbridge, J. W.:	Swinson, Carl R.: Marketing
Origin and distribution	apples grown in the Cum-
of the commercial	berland-Shenandoah region
potato crop 470	of Pennsylvania, Virginia,
Origin, distribution, and	and West Virginia 219
market price of the	Tabb, H. B.: Marketing
commercial watermelon	potatoes in consumer
crop 406	packages 471
Stuart, A. W.: Monthly	Talbot, Parker: Growing
prices of selected Cal-	and handling market peas
ifornia truck crops on	in California 516
the San Francisco, Oak-	Tangerines, marketing
land, Los Angeles, and	order no. 33 98
New York City markets,	Tapp, J. W.: Agricultural
1910-1934 366	Adjustment Act in rela-
Sulerud, George L.:	tion to fruits and
Economic study of the	vegetables 21(1933)
cherry industry with	Tavernetti, A. A.:
special reference to	Growing and handling
Oregon 255	market peas in
Economic study of the	California 516
small-fruit industry	Head-lettuce industry
in Oregon 238	of California 396
Sweetpotatoes:	Taylor, Frank J.: Oppor-
Cooperative marketing,	tunity by the roadside 662
Tennessee 488	Taylor, Porter R.:
Fresh, and canned, U. S.	Intersectional coopera-
standards 565	tion and production
Income, calendar years	control 472
1910-39 497	Marketing adjustments
Kansas 491	facing the apple
Marketing	industry 204, 220
Indiana 493	Possible further methods
Iowa 492	of regulating market
Louisiana 489	supplies 221

<u>Item</u>	<u>Item</u>
Taylor, Porter R. (Cont.):	Texas. Agricultural experi-
Some current problems in	ment station: Mixed car-
marketing apples222	load in distribution of
Teague, C. C.:	vegetables from the
Accomplishments of the	Lower Rio Grande Valley
California fruit grow-	of Texas362
ers exchange in	Thibodeaux, B. H.: Economic
quality21(1933)	study of the pecan
California proration	industry526
plans for fruits and	Thomas, Harold E.: Produc-
vegetables95	tion of strawberries in
Effect of the war upon	California250
California farmers7	Thompson, Alvan C.: Vege-
Meeting current problems	tables and defense8
in cooperative	Thompson, H. C.: Potato
marketing21(1938)	situation and the status
Problem of national mar-	of potato research in
ket stabilization for	New York473
citrus fruits279	Thompson, J. M.:
10 talks on citrus mar-	Orange industry, an
keting; a series of	economic study281
radio broadcasts280	Relation between the
Tennessee. Agricultural	Hawaii and California
experiment station:	potato industries460
Cooperative marketing	Thompson, P. S.: Analysis
of sweet potatoes	of relative sales of
in Tennessee488	late crop potatoes sold
Knoxville wholesale	at retail474
fruit and vegetable	Thompson, R. L.: Financing
market578,579	production and marketing
Marketing strawberries	of Louisiana strawberries
cooperatively in	and suggested reorganiza-
Tennessee239	tion251
Regional differences	Thomsen, F. L.: Cooperative
in the farm price	marketing of fruits and
of Irish potatoes	vegetables on the
and sweet potatoes	St. Louis market642
in Tennessee and	Thorpe, Carlyle: Walnut
United States408	surplus control under
Terre Haute, prices and	Federal-State laws28
receipts of fruits and	Tomato juice, and tomato
vegetables sold on pro-	pulp, U. S. standards565
ducers market618	Tomatoes:
Texas:	Bibliographies
Citrus auction sales266	Marketing of tomatoes
Citrus shipments, sum-	with special refer-
mary, 1940-41267	ence to California 632
Marketing tomatoes grown	Tomato industry in
in Lower Rio Grande	Puerto Rico and
Valley506	Cuba687

	<u>Item</u>		<u>Item</u>
Tomatoes (Cont.):		Trade agreements (Cont.):	
Canhouse, system of		Program, in relation to	
marketing	78	apples	179
Canned		With Canada, effect	120
Consumption. See		With Cuba, and Florida	
Consumption - Toma-		winter-vegetable	
toes - Canned.		industry	369
Economic data	503	Transportation of agricul-	
Ozark, market for	141	tural products in the	
Quality and retail		United States, 1920-June	
prices	501	1939; a selected list of	
Standards, U. S.	565	references relating to	
Cannery		the various phases of	
Grades		railway, motor, and	
Contracting for,		water carrier transpor-	
by grade	502	tation	679
Marketing on grade		Tukey, H. B.: Defense pro-	
in Ohio	499	gram and the fruit	
Marketing to proces-		industry	9
sors on grades	500	Turnip greens, U. S.	
Standards, U. S.	565	standards	565
Canning		Turnips:	
Costs and returns in		Bunched and topped,	
growing and harvest-		U. S. standards	565
ing canning factory		Preparation for market	510
tomatoes	498	Twentieth century fund:	
Economic consideration		Does distribution cost	
in growing canning		too much?	96
factory tomatoes		Ulrey, Orion: Public pro-	
in northwestern		duce markets of Michigan	613
Indiana	504	Underwood, F. L.: Costs and	
Federal trade commission		returns in producing	
report	126	potatoes in New York in	
For manufacture of		1929	475
strained tomato prod-		Union pacific railroad,	
ucts, U. S. standards	565	Dept. of traffic, Agri-	
Fresh		cultural development:	
Marketing, Lower Rio		Potato production and	
Grande Valley of		marketing	476
Texas	506	U. S. Congress, House, Com-	
Preparation for		mittee on agriculture:	
market	505	Marketing quotas - pea-	
Standards, U. S.	565	nuts. Hearing	530
Greenhouse, Standards,		U. S. Dept. of agriculture:	
U. S.	565	American fruit and vege-	
Marketing order no. 37	98	table auctions	81
Trade agreements:		Approximate or average	
Fruits and vegetables in		weights of various com-	
program of reciprocal		modities and other	
trade agreements	128	conversion factors	97

<u>Item</u>	
U. S. Dept. of agriculture (Cont.):	
Bean growing in north- ern Idaho, eastern Washington, and eastern Oregon	383
Bibliographies on the marketing of agri- cultural products	673, 683
Cotton bags as con- sumer packages for farm products	540
Economic study of the pecan industry	526
Fruit and vegetable buying guide for consumers	57
Handling and shipping strawberries with- out refrigeration	244
Harvesting and hand- ling citrus fruits in the Gulf States	292
Income from potatoes, calendar years 1910-38	477
Income from sweet- potatoes, calendar years 1910-39	497
Income parity for agriculture; income from truck crops and farm gardens	367
Influence of packing and handling methods on condi- tion of apples barreled for export	191
Is the public market a good civic investment?	640
Joint use of a sales organization by two cooperative associations	145
List of available pub- lications of the U. S. Dept. of agriculture	699

<u>Item</u>	
U. S. Dept. of agriculture (Cont.):	
List of periodicals currently received in the Library of the U. S. Dept. of agriculture June 1, 1936	690
Management problems of cooperative associations mar- keting fruits and vegetables	70
Market distribution of car-lot ship- ments of fruits and vegetables in United States	83
Marketing apples	208
Marketing apples grown in the Cumberland- Shenandoah region of Pennsylvania, Virginia, and West Virginia	219
Marketing cantaloups and other musk- melons	405
Marketing commercial cabbage	388
Marketing commercial lettuce	399
Marketing onions	512
Marketing orders	98
Marketing peanuts and peanut products	521
Marketing the commer- cial crop of early potatoes	452
Marketing the late crop of potatoes	453
Origin and distribu- tion of the com- mercial potato crop	470
Origin, distribution, and market price of the commercial watermelon crop	406
Preparation of bunched beets, carrots, and turnips for market	510

<u>Item</u>	<u>Item</u>
U. S. Dept. of agriculture (Cont.):	U. S. Dept. of agriculture, Agricultural adjustment administration (Cont.):
Preparation of cabbage for market 389	Some economic aspects of market- ing control for the Florida celery industry 517
Preparation of eastern grapes for market 302	Some economic aspects of the filbert industry, with particular refer- ence to trends in the supply of fil- berts and of other tree nuts 528
Preparation of fresh tomatoes for mar- ket 505	Some problems in mar- keting tomatoes grown in the Lower Rio Grande Valley of Texas 506
Preparing apples for market in barrels and baskets 207	U. S. Dept. of agriculture, Agricultural marketing service:
Preparing peaches for market 312	ABC of canned fruit and vegetable labeling 557
Preparing strawberries for market 246	Apricots, 1940, weighted average prices received at eastern auction markets, by vari- eties, by weeks, by markets 229
Regional adjustments to meet war impacts 11	Carlot shipments of fruits and vege- tables by commodi- ties, States and months (including boat shipments reduced to carlot equivalents) calendar year 1940 101
Standardization and inspection of farm products 545	Cherries - apricots, 1940 256
Statistics of fruits, vegetables, and tree nuts 99	Continuous factory inspection experi- ment and labeling of canned fruits and vegetables in terms of U. S. standards 558
Wholesale fruit and vegetable markets of New York City 606	
Wholesale markets for fruits and vege- tables in 40 cities 604	
U. S. Dept. of agriculture, Agricultural adjustment administration:	
Consumption of citrus fruits and related products in Balti- more and St. Louis 271	
Marketing agreements for fruits and vegetables 100	
Marketing problem of the apple industry 223	
Possible further methods of regu- lating market supplies of apples 221	
Recent changes in the Florida citrus industry 282	

<u>Item</u>	
U. S. Dept. of agriculture, Agricultural marketing service (Cont.):	
Dealer service in the fresh fruit and vegetable industry	82
Directory of market news, broadcasts, 1941	102
Disposition of pota- toes, crop years 1909-1937, by States	478
Farm production, farm disposition, and value of certain fruit and nut crops 1937-39	103
Farm production, farm disposition, and value of potatoes, crop years 1937- 1939, by States	479
How Federal grades for fresh fruits and vegetables are being adapted to consumers' needs	551
Important trends in national fruit and vegetable produc- tion and distribu- tion	89
Information on carload- ings, containers, varieties, and grades of fruits and vegetables (from shipping-point car- lot inspection certificates, for specified periods, 1936-39)	104
Interstate shipments of California deciduous tree fruits, season of 1939	160
Labeling processed foods in the terms of U. S. grades	574

<u>Item</u>	
U. S. Dept. of agriculture, Agricultural marketing service (Cont.):	
List of manufacturers of fruit and vege- table hampers and baskets, including manufacturers' identification numbers	559
Local market price movements in South Dakota, 1909-1939	480
Market summaries	105
Marketing Florida citrus, summary of 1940-41 season	290
Marketing northwestern fresh prunes, sum- mary of the 1940 season	333
Marketing Texas citrus, Lower Rio Grande Valley of Texas; summary of 1940-41 season	291
Motor truck receipts of fresh fruits and vegetables at San Francisco by com- modities and by countries of origin, 1940	106
Peaches, 1940, weighted average prices received at eastern auction markets, by varieties, by weeks, by markets	314
Pears, 1940, weighted average prices received at eastern auction markets, by varieties, by weeks, by markets	325
Plums, 1940, weighted average prices received at eastern auction markets, by varieties, by weeks, by markets	344

<u>Item</u>	<u>Item</u>
U. S. Dept. of agriculture, Agricultural marketing service (Cont.):	U. S. Dept. of agriculture, Agricultural marketing service (Cont.):
Production, disposi- tion, and value of citrus fruits, crop seasons 1909-10 - 1938-39283	Rules and regulations of the Secretary of agriculture for the enforcement of the Perishable Agricul- tural Commodities Act562
Quarter century of Federal assistance in fruit and vege- table marketing 67	Rules and regulations of the Secretary of agriculture for the enforcement of the Produce Agency Act 563
Reports issued by, scheduled for release 1941 107	Rules and regulations of the Secretary of agriculture under the United States Standard Container Act of August 31, 1916 as amended June 11, 1934564
Retail trade prac- tices and prefer- ences for early- crop potatoes in Chicago, and qual- ity analyses of potatoes offered for sale to consum- ers, 1940 466	Truck receipts of fresh fruits and vegetables at 13 important markets for calendar years 1939 and 1938 stated in carlot equivalents by months for 1939 and total for 1939 and 1938108
Retail trade practices and preferences for late-crop potatoes in Chicago and sub- urbs, and quality analyses of pota- toes offered for sale to consumers, 1939-40 465	U. S. standards for food products565
Rules and regulations (as amended) of the Secretary of agri- culture governing the grading and certification of canned fruits and vegetables 560	Wholesale market prices at Los Angeles, fruits and vegetables, 1940109
Rules and regulations governing the inspection and cer- tification of beans and peas 561	Wholesale market prices at San Fran- cisco for certain fruits and vege- tables, 1940110

<u>Item</u>	<u>Item</u>
U. S. Dept. of agriculture, Agricultural marketing service (Cont.):	U. S. Dept. of agriculture, Bureau of agricultural economics (Cont.):
Wholesale prices of fruits and vege- tables at New York City, Chicago, and leading shipping points, by months, 1940 111	California; an index to the State sources of agricul- tural statistics - fruits, vegetables and nuts 666
Why and how of apple grades 201	California apricots, weighted average auction prices by varieties and by weeks at eastern auction markets 1937-1936-1935 230
U. S. Dept. of agriculture, Bureau of agricultural economics:	California peaches, weighted average auction prices by varieties and by weeks at eastern auction markets 1937-1936-1935 313
Advantages of an ade- quate coding plan for canned fruits and vegetables 142	California pears, weighted average prices received at eastern auction markets by vari- eties, by weeks, by markets, 1937-1936-1935 326
Agricultural economics; a selected list of references 692	California plums, weighted average prices received at eastern auction markets by vari- eties, by weeks, by markets, 1937-1936-1935 345
Agricultural outlook charts, 1941: fruits and vege- tables 112	Canned fruits and vegetables and the war 1
Almonds; selected references on the industry, 1929- 1940 664	Canned vegetable prices 347
Apple industry in the United States; a selected list of references on the economic aspects of the industry together with some references on varieties 665	Chain-store distribu- tion of fruits and vegetables in the northeastern States 58
Beginning of a bibliog- raphy on agricul- tural credit in the United States 691	
Beginnings of coop- erative fruit and vegetable market- ing 46	

<u>Item</u>	
U. S. Dept. of agriculture, Bureau of agricultural economics (Cont.):	
Consumption of agri- cultural products.....	113
Consumption of fruits and vegetables in the United States; an index to some sources of statis- tics	688
Demand and price situation	114
Europe as a market for American pecans	531
Exporting fresh fruits and vegetables from the United States to Canada	88
Factors affecting prices; a selected bibliography includ- ing some references on the theory and practice of price analysis	667
Factors affecting returns to Louisi- ana strawberry growers	243
Factors for use in fruit and vegetable offices in cities east of the Rocky Mountains for con- verting truck, boat, and L.C.L. receipts of fruits and vegetables to carlots (effective beginning Janu- ary 1, 1937)	115
Federal grading of Ohio canned foods	572
Florida winter- vegetable industry and the trade agree- ment with Cuba	369

<u>Item</u>	
U. S. Dept. of agriculture, Bureau of agricultural economics (Cont.):	
Fruit and vegetable clearing houses; a short list of references	668
Fruit and vegetable market of Hunting- ton, W. Va.	592, 605
Fruit Situation; 1942 outlook issue with charts	161
Fruits, national goal for 1942	162
Fruits; the world war and the 1939 European war	10
Fruits and vegetables in the program of reciprocal trade agreements	128
Government grading of canned fruits and vegetables	573
Grape industry; a selected list of references on the economic aspects of the industry in the United States, 1920-1931	689
Improvements in terminal markets	599
Index numbers of United States agri- cultural exports, 1866-1935	163
Information on choos- ing a site for the development of a complete wholesale produce market in Philadelphia	644
List of bibliographies issued by the Library of the Bureau of agricul- tural economics, 1922-July 1941	694

<u>Item</u>	<u>Item</u>
U. S. Dept. of agriculture, Bureau of agricultural economics (Cont.):	U. S. Dept. of agriculture, Bureau of agricultural economics (Cont.):
List of periodicals containing prices and other statis- tical and economic information on fruits, vegetables and nuts 676	Peanut industry; a selected list of references on the economic aspects of the industry, 1920-1939 686
List of State official serial publications containing material on agricultural economics 677	Peanuts; revised esti- mates, acreage, yield, production and disposition by States and esti- mated commercial production by areas 1919-1938 532
Market distribution and price spreads of Louisiana strawberries 247	Philadelphia wholesale fruit and vegetable market; a study of its organization, facilities, and practices 645
Methods used by grow- ers in marketing grapes; grape prices, grades, and consumption per capita, New York, Pennsylvania, Michigan, and Arkan- sas vineyards 301	Price fixing by govern- ment in the United States, 1926-1939; a selected list of references on direct price fixing of agricultural prod- ucts by the Federal and State Govern- ments 670
National food situa- tion 116	Price studies of the U. S. Dept. of agriculture showing demand-price, supply-price, and price-production relationships 671
Our wholesale markets, weaknesses and indicated improve- ments 601	Relationships among watermelon prices, freight rates, pro- duction, and marketings 400
Outlook charts, pota- toes and truck crops, 1940 368	Roadside markets; a list of references compiled in the Library 695
Outlook for fruits and vegetables especi- ally as influenced by the war 2	
Peach industry in the United States; a selected list of references on the economic aspects of the industry, including some references relating to Canada 669	

Item

Item

U. S. Dept. of agriculture,
Bureau of agricultural
economics (Cont.):

Rules and regulations
to the Secretary of
agriculture govern-
ing the inspection
and certification
of fruits, vege-
tables, and other
products 566

Rules and regulations
of the Secretary of
agriculture under
the United States
Standard Container
Act of 1928 567

Shall we buy canned
food by guess or
by grade? 575

South's need for
improved methods
of marketing its
products 602

State and Federal pub-
lications dealing
with the marketing
of agricultural
products; a list
of references 672

Strawberry industry in
the United States;
a selected list of
references on the
economic aspects
of the industry 678

Studies of terminal
marketing problems 648

Table of number of
packages per
carload 568

This changing agri-
cultural world 150

Tomato industry in
Puerto Rico and
Cuba; a short list
of references 687

U. S. Dept. of agriculture,
Bureau of agricultural
economics (Cont.):

Transportation of
agricultural prod-
ucts in the United
States, 1920-June
1939; a selected
list of references
relating to the
various phases of
railway, motor,
and water carrier
transportation 679

Vegetable Situation;
1942 outlook issue
with charts 370

Vegetables 371

Wholesale fruit and
vegetable market
of St. Louis 593

Wholesale market
prices at Los
Angeles, fruits and
vegetables, six-
year summary,
1932-1937 117

Work under the Perish-
able Agricultural
Commodities Act 556

U. S. Dept. of agriculture,
Bureau of plant industry:
Harvesting and marketing
the native nut crops of
the north 529

U. S. Dept. of agriculture,
Division of marketing
and marketing agreements:
Apple prices received
by Washington and
Oregon growers and
percentage distri-
bution of sales, by
variety, grade, and
size, 1934 to 1937 198
Cost of handling Flor-
ida citrus for the
1938-39 season 284

<u>Item</u>	
U. S. Dept. of agriculture, Division of marketing and marketing agreements (Cont.):	
Economic analysis	
relating to the	
marketing of can-	
ning peaches grown	
in the State of	
California	317
Economic statistics	
relating to the	
California olive	
industry	342
Marketing adjustments	
facing the apple	
industry	220
U. S. Dept. of agriculture, Extension service:	
Northeastern vegetable	
and potato market-	
ing program, 1939	
season	361
Summaries of activ-	
ities, Philadelphia	
market improvement	
project	646, 647
U. S. Dept. of agriculture, Farm credit administra-	
tion:	
Citrus industry and	
the California	
fruit growers	
exchange system	268
Cooperative canning	
of fruits and	
vegetables	140
Cooperative possibil-	
ities in improving	
apple sales	
(leaflet)	212
How farmers' coopera-	
tives use terminal	
fruit auctions	
(leaflet)	144
Legal phases of	
cooperative asso-	
ciations	63

<u>Item</u>	
U. S. Dept. of agriculture, Farm credit administra-	
tion (Cont.):	
Marketing Maine potatoes	
Boston retail	
prices as asso-	
ciated with	
types of pack-	
ages, retailers,	
and consumer	
incomes, Febru-	
ary 26 to	
April 6, 1940	420
Damage in selected	
bags at Maine	
shipping points	
and in Boston	
wholesale and	
retail markets	434
In Maine and in	
Boston	467
Organization and	
market practices	
in Maine and	
Boston	435
Purchase and use of	
potatoes and sub-	
stitutes in	
homes of Boston	
consumers,	
March 4 to	
April 6, 1940	421
Retail distribution	
of potatoes in	
the Boston Metro-	
politan area,	
March 1940	447
Marketing mushrooms	
from the Kennett	
Square area of Penn-	
sylvania, and grow-	
ers' and buyers'	
attitude concerning	
proposed marketing	
plans for mushrooms	
produced in the	
area	507

<u>Item</u>	
U. S. Dept. of agriculture, Farm credit administration (Cont.):	
Marketing potatoes through the Ohio farm bureau cooperative association	429
Marketing problems of Maine potato producers	468
News for Farmer Cooperatives	118
Operation of small-lot country fruit and vegetable auctions	24
Periodicals issued by farmers' marketing and purchasing associations	696
Retail outlets for fruit cooperatives in New York City	156
Sales and distribution policies of cooperative canneries in the United States	141
Selling fresh fruits and vegetables cooperatively	56
<u>See also</u> U. S. Farm credit administration.	
U. S. Dept. of agriculture, Office of foreign agricultural relations:	
Foreign trade of the United States in agricultural products	119
New quantity indexes of the foreign trade of the United States in agricultural products	157
Problems involved in the international fruit trade of the United States and Canada	153

<u>Item</u>	
U. S. Dept. of agriculture, Office of foreign agricultural relation (Cont.):	
Statistical report of the United States deciduous fruit export season, 1939-40	149
Trade between the United States and Canada in fresh fruits and vegetables and the effects of the trade agreements	120
United States foreign trade in agricultural products, 1940-41 - fresh, dried, and canned fruits, pecans and walnuts, and vegetables	121
U. S. Dept. of agriculture, Soil conservation service: Black walnut marketing in southeastern United States	518
U. S. Dept. of agriculture, Surplus marketing administration:	
Economic data for canned tomatoes, 1925-1940	503
Economic data for dry edible beans, 1924-40	384
Statistics relating to packs, shipments, and foreign trade of canned grape- fruit segments and juice, and packs of related canned commodities, 1928-29 to 1939-40	285
U. S. Dept. of commerce, Bureau of foreign and domestic commerce:	
American wooden boxes and crates	549

<u>Item</u>	<u>Item</u>
U. S. Dept. of commerce, Bureau of foreign and domestic commerce (Cont.):	U. S. Dept. of commerce, Bureau of the census:
Canned and dried foods; United States export trade in 1938137	Census of fruit and vegetable distri- butors 19
Citrus fruits; world production and trade 293	Monthly summary of foreign commerce of the United States ...124
Foreign commerce and navigation of the United States for the calendar year 1939122	U. S. Dept. of commerce, National bureau of stand- ards. See U. S. National bureau of standards.
Fruit canners of the world138	U. S. Dept. of labor, Consum- ers' project: Analysis of condition, quality, and size requirements of United States and State standards for fresh fruits and vegetables .569
Market research sources, 1940675	U. S. Farm credit administra- tion:
Markets for fruit juices and fruit sirups in the United Kingdom164	Analysis of the grape- fruit and orange situation 286
Modern export packing 546	Bibliography relating to sale of fruits and vegetables through auctions697
1937 review of United States foreign trade in edible nuts527	Commercial trucking of fruits and vege- tables in nine Atlantic Coast States; prepared for the use of farmers' coopera- tive associations . 44
Roadside markets (basic information sources)693	Cooperation in agri- culture; a selected and annotated bib- liography with special reference to marketing, pur- chasing, and credit684
Summary of foreign trade of the United States, calendar year 1939129	Cooperative buying and cooperative credit for fruit and vegetable growers 17
Super-markets (basic information sources)698	
Survey of business research projects at universities123	
United States foreign trade in fresh fruits, 1939-40 ...167	
United States foreign trade in fresh vegetables, 1939 . 374	

Item

U. S. Farm credit administration (Cont.):	
Cooperative marketing of agricultural products	43
Economic study of some problems of western Illinois apple growers	203
Marketing fruits and vegetables cooperatively	47
Marketing policies of the California walnut growers association	524
Outlook for citrus fruits	272
Production and marketing of potatoes	481
Research and service work aids fruit and vegetable cooperatives	93
Statistical handbook of farmers' cooperatives	64
Statistics of farmers' cooperative business organizations	38
Terminal fruit auctions as marketing agencies for farmers' cooperatives	146
Use of motortrucks in marketing fruits and vegetables; an analysis of the experiences of growers, cooperative associations, and others in nine States tributary to the New York market	87
Using your fruit and vegetable co-op	69
See also U. S. Dept. of agriculture, Farm credit administration.	

Item

U. S. Federal board for vocational education: Organization and teaching procedure to be followed in evening agricultural schools on the marketing of vegetables	84
U. S. Federal farm board: Cooperative canning of fruits and vegetables; a selected list of references	685
Policies with reference to Nation-wide cooperative marketing of fruits and vegetables	21(1932)
U. S. Federal trade commission:	
Prices and competition among peanut mills	533
Reports on agricultural income inquiry	125,126
U. S. National bureau of standards: Cans for fruits and vegetables, simplified practice recommendation	570
U. S. Tariff commission: Commodity packaging data, a guide to current practices in the packaging of typical commodities that move in domestic and international trade	571
Grapes, raisins and wines; a survey of world production, consumption and trade in table grapes, raisins and currants	305
Urann, M. L.: What should be done to meet the problems of tomorrow; fruit and vegetables	75
Utah:	
Onions, marketing order no. 14	98

<u>Item</u>	
Utah (Cont.):	
Peaches, marketing order	
no. 50	98
Vegetables:	
Buying guide for consumers	57
Canned	
Coding plan	142
Distribution by cooperative canneries	
in United States	141
Grading, Government	573
Rules and regulations	560
Prices	347
Quality and retail prices	501
Standards, U. S.	565
Suggested outline for specifications for purchasing	576
Carload, mixed, in distribution from Lower Rio Grande Valley of Texas	362
Carloadings, containers, varieties, and grades	104
Containers	538
Cans for, simplified practice recommendation	570
Connecticut marketing handbook	32
List of manufacturers of hampers and baskets, including manufacturers' identification numbers	559
Crop and market information for growers near Chicago	353
Distribution	
Chain-store, in northeastern States	58
Controlled	92
Cooperatively distributing, problems	21(1935)

<u>Item</u>	
Vegetables (Cont.):	
Distribution (Cont.)	
Financing	13
Market, of car-lot shipments, in	
United States	83
National, important trends	89
New York State	77
Economic situation facing New Jersey growers	352
Federal trade commission report	126
Florida, production, distribution and competition	365
Florida annual report, 1940-41	91
Florida truck crop competition	
Inter-State and foreign	360
Intra-State	373
Florida winter industry and trade agreement with Cuba	369
Foreign trade of United States	374
Fresh, standards	
U. S.	565
U. S. and State, analysis	569
Grading	21(1936)
Costs and returns	541
New York State	77
Research as basis for	544
Hawaii, production and marketing of truck crops	359
How to sell	36
Income parity for agriculture, income from truck crops and farm gardens	367
Industry	
Louisiana	23
Problems	21(1935)
United States and New Jersey	348

Item

Vegetables (Cont.):

Inspection

Importance to
industry 536

Rules and regu-
lations 566

Marketing

Developments and
problems 21(1936)

Federal assistance,
quarter century of 67

Future State marketing
programs 72

Madison and St. Clair
Counties', Illinois,
truck and vegetable
crops, 1940 354

Michigan crops 356

Northeastern States ... 78

Northeastern vegetable
and potato program 361

Problems of vegetable
industry of
Charleston, Beau-
fort, and Colleton
Counties 364

Sumter County, S. C. ... 65

Vegetables produced on
northern Indiana
muck soils 357

New Jersey, markets for,
in Philadelphia and
New York 42

Northeastern States agri-
cultural conference,
recommendations 78

Outlook, summary,
1942 370, 371

Outlook charts
1940 368

1941 112

Packing 21(1936)

New York State 77

Prices

California truck crops
on San Francisco,
Oakland, Los
Angeles, and New
York City markets,
1910-1934 366

Item

Vegetables (Cont.):

Prices (Cont.)

New York market, of

New Jersey
produce 372

Seasonal variation 351

Trend in New Jersey 350

Wholesale market

At Los Angeles 109, 117

At San Francisco
for certain
fruits and
vegetables,
1940 110

Wholesale prices, at
New York City,
Chicago, and lead-
ing shipping
points, by months,
1940 111

Production-consumption
balance 71

Quality, study of, and
retail prices of Ohio-
packed vegetables 501

Retail handling, improve-
ments suggested 358

Shipments, carlot 101

Shipments from Hawaii to
mainland 52

Shipping seasons for
California crops 30

Statistics 99

Teaching, organization
and teaching procedure
to be followed in
evening agricultural
schools on marketing
of vegetables 84

Truck crops in New Jersey
and competing areas 355

Unloads in Honolulu ... 50, 51

Vegetable Situation;
1942 outlook issue
with charts 370

Wax emulsions 363

What should be done to
meet the problems of
tomorrow 75

Item	Item
Vegetables (Cont.):	
Yield required to meet expenses or break even 349	Wallace, Henry A.: Reopening of foreign markets for our agricultural products 165
See also Auctions; Consumption; Cooperative marketing - Fruits and vegetables; Credit; Exports from United States; Marketing agreements; World War II; and names of particular vegetables.	Waller, Allen G.: Analysis of the production and consumption of fruits and vegetables in the Northeast and their implications 78
Vernon, J. J.: Marketing apples grown in the Cumberland-Shenandoah region of Pennsylvania, Virginia, and West Virginia 219	Economic situation facing New Jersey vegetable growers 352
Virginia. Polytechnic institute: Survey of conditions affecting the production and marketing of white potatoes on the eastern shore of Virginia 441	F.O.B. auctions and country concentration points 130
Volkin, David: Packing-house operating costs in the Eastern Panhandle of West Virginia, 1938 crop year 224	New York market prices of certain New Jersey vegetables 1910-1933 372
Volz, Albert G.: Marketing San Joaquin Valley sweet potatoes, 1938 495	Walnuts:
Waite, Warren C.: Better potatoes - more money 483	Black
Market outlets for Minnesota fruits 166	Collecting and marketing 519
Packing Minnesota fruits for market 577	Marketing in southeastern United States 518
Seasonal variations of prices and marketings of Minnesota agricultural products, 1921-1935 482	Marketing order no. 1 98
Wakefield, Roberta P.: Foreign import duties and regulations on fresh fruits and vegetables 127	Marketing policies of the California walnut growers association 524
	Standards, U. S. 565
	Surplus control under Federal-State laws 28
	Wann, John L.: Florida truck crop competition; Intra-State 373
	Washburn, Frank P.: Interesting consumers in northeastern food products; Maine potatoes 449
	Washburn, R. S.: Economic study of the pecan industry 526
	Washington:
	Pears, marketing order no. 39 98
	Prunes, fresh, marketing order no. 26 98
	Walnuts, marketing order no. 1 98

<u>Item</u>		<u>Item</u>	
Washington. Agricultural experiment station:		Watts, Gilbert S.: Roadside marketing	663
Apple prices received by Washington growers	188	Waugh, Frederick V.: Connecticut market demand for vegetables	607
Cost of shipping point marketing services for apples in Washington	189	Grading and packing of fruits and vegetables	21(1936)
Financing cooperative marketing of farm products in Washington	14	Maine potato quality related to market prices	484
Marketing of Washington apples in Los Angeles	173	Reducing the costs of food distribution	59
Production and marketing of dry peas in the Palouse area	514	Studies of terminal marketing problems	648
Trends in the apple industry	190	Urgent needs for research in marketing fruits and vegetables	131
Washington apples on the New York and Chicago fruit auctions	172	Wax emulsions, vegetables	363
Washington pears on the New York and Chicago fruit auctions	323	Weaver, F. P.: Marketing apples grown in the Cumberland-Shenandoah region of Pennsylvania, Virginia, and West Virginia	219
Waterbury, Conn., marketing fruits and vegetables in market	595	Survey of some public produce markets in up-State New York	649
Watermelons:		Weights of commodities	97
California, prices on San Francisco, Oakland, Los Angeles, and New York City markets	366	Weingart, R. E.: Consumer preferences and retail practices as they affect grading and marketing by potato cooperatives	485
Commercial crop, origin, distribution, and market price	406	Weld, L. D. H.: Marketing agricultural products in the United States	31
Georgia, marketing	403	Wellman, H. R.: Controlled marketing with special reference to California fruits and vegetables	132
Relationships among prices, freight rates, production and marketing	400	Effects of the war on California fruit industries	6
Standards, U. S.	565	Maintenance of substantial equity in the pooling of lemons	289
Watertown, N. Y., public market	589	Marketing agreements for vegetables and fruits other than citrus fruits	133
Watson, Malcolm: Summary of study relating to California raisin prorate programs	339		

<u>Item</u>	<u>Item</u>
Wellman, H. R. (Cont.):	West Virginia. Agricultural
Olives 346	experiment station (Cont.):
Possibilities and limi-	Packing-house operating
tations of control of	costs in the Eastern
shipments as a method	Panhandle of West
of dealing with tree	Virginia, 1938 crop
fruit surpluses 21(1938)	year 224
Preliminary report, sta-	West Virginia. College of
tistical analysis of	agriculture, Agricultural
the annual average	extension service: Plan
f.o.b. prices of Cal-	for the more effective
ifornia canned	marketing and distribu-
asparagus, 1925-26	tion of the fruit from
to 1938-39 380	the Cumberland-Potomac-
Situation and outlook for	Shenandoah regions 169
selected fruits and	West Virginia. Dept. of
nuts with special	agriculture:
reference to the war 12	Marketing of apples 196
Some economic aspects of	Marketing of West
regulating shipments	Virginia fruits
of California oranges 287	and vegetables 134
Statistical analysis of	Wheeler, L. A.: Fruits and
the annual average	vegetables in the program
f.o.b. prices of	of reciprocal trade
canned apricots,	agreements 128
1926-27 to 1939-40 231	Whitacre, W. R.:
Statistical analysis of	Methods and costs of
the annual average	marketing potatoes in
f.o.b. prices of	Pennsylvania 486
canned clingstone	Packaging problems of
peaches, 1924-25 to	eastern apple growers 225
1939-40 320	White, Charles M.: Maine
Statistical analysis of	potato quality related
the annual average	to market prices 484
f.o.b. prices of	White, Henry F.: Coopera-
Pacific Coast canned	tive marketing of farm
Bartlett pears,	products in the United
1926-27 to 1939-40 327	States 135
Statistical analysis of	Wholesaling firms, fruit and
the seasonal average	vegetable, in New York
f.o.b. prices of Cal-	City, economic study of 48
ifornia oranges,	Whyte, Russell I.: Super-
1922-23 to 1937-38 288	markets (basic informa-
Supply, demand and prices	tion sources) 698
of California peaches 315	Wiant, J. S.: Precooling
West Virginia. Agricultural	and shipping California
experiment station:	asparagus 376
Apple-production costs	Wiegand, Ernest H.:
and returns in the	Surplus fruit utiliza-
Eastern Panhandle	tion 155
of West Virginia 168	

<u>Item</u>	<u>Item</u>
Wiegand, Ernest H. (Cont.): Trends in consumption of small fruits and vegetables 21(1938)	Winston, J. R.: Harvesting and handling citrus fruits in the Gulf States 292
Wigington, John T.: Cotton bags as consumer packages for farm products 540	Winter, J. D.: Market outlets for Minnesota fruits 166
Wilcox, F. R.: Marketing programs under Federal and State laws for citrus fruits 28	Packing Minnesota fruits for market 577
Production control and shipment prorations as they affect coopera- tive marketing 136	Wisconsin. Agricultural experiment station: Con- sumer preferences for potatoes 410
Williams, Paul M.: Advantages of an adequate coding plan for canned fruits and vegetables 142	Witherow, Grace A.: Summary of foreign trade of the United States, calendar year 1939 129
Federal grading of Ohio canned foods 572	Women's markets. <u>See</u> Farm women's markets.
Government grading of canned fruits and vegetables 573	Woodbury, George W.: Mar- kets and market prefer- ences for Idaho potatoes 444
Labeling processed foods in the terms of U. S. grades 574	Woodin, M. D.: Changes in apple prices with special reference to varieties 227
Shall we buy canned food by guess or by grade? 575	World War II: Army goes shopping for fruits and vegetables 5
Suggested outline for specifications for purchasing canned fruits and vegetables 576	Canned fruits and vege- tables and the war 1
Williamson, P. S.: Apple prices in relation to variety, method of sale, grade, size, and type of container 226	Defense program and the fruit industry 9
Willis, Paul S.: Modern package as a sales factor in food marketing 534	Effect of the war upon California farmers 7
Willson, H. F.: Marketing Florida citrus, summary of 1940-41 season 290	Effects of the war on California fruit industries 6
Wilmington, study of curb market 621	Fruits; the world war and the 1939 European war 10
Winfrey, R. E.: Marketing Texas citrus, Lower Rio Grande Valley of Texas; summary of 1940-41 sea- son 291	National defense program for fruit growers 4
	Outlook for fruits and vegetables especially as influenced by the war 2
	Regional adjustments to meet war impacts 11
	Situation and outlook for selected fruits and nuts with special reference to the war 12

<u>Item</u>	
World War II (Cont.):	
Some aspects of the impact of the war upon California fruit and nut industries	3
Vegetables and defense	8
Wrather, S. E.: Organization of the Louisville wholesale fruit and vegetable market	635, 636
Wulfert, M. A.:	
Citrus fruits; world production and trade	293
United States foreign trade in fresh fruits, 1939-40	167

<u>Item</u>	
Wulfert, M. A. (Cont.):	
United States foreign trade in fresh vegetables, 1939	374
Young, Harry: Problems in marketing western potatoes	487
Young, T. B.: Marketing Carolina fruits and vegetables cooperatively	21(1933)
Zimmerman, Fred L.: List of available publications of the U. S. Dept. of agriculture, January 2, 1940, arranged by subjects	699

FARM CREDIT ADMINISTRATION
Cooperative Research and Service Division

PUBLICATIONS ISSUED OR NOW IN PRESS

BULLETINS:

- No. 1. Cooperative purchasing of farm supplies, by Joseph G. Knapp and John H. Lister. 1935.
- No. 2. Accounting principles for cooperative cotton gin associations, by Otis T. Weaver. 1935.
- No. 3. Cooperative marketing of agricultural products, by Ward W. Fetrow. 1936.
- No. 4. Cooperation in agriculture; a selected and annotated bibliography, compiled by Chastina Gardner. 1936.
- No. 5. Organization and operation of the Illinois Livestock Marketing Association, by H. H. Hulbert. 1936.
- No. 6. Statistics of farmers' cooperative business organizations, 1920-1935, by R. H. Elsworth. 1936.
- No. 7. Cooperative marketing of range livestock, by L. B. Mann. 1936.
- No. 8. Mutual irrigation companies in California and Utah, by Wells A. Hutchins. 1936.
- No. 9. Membership relations of cooperative associations, by J. W. Jones. 1936.
- No. 10. Marketing policies of the California Walnut Growers Association, by Harry C. Hensley and Neil H. Bordon. 1937.
[Out of print]
- No. 11. Organization and operating problems of Nebraska Cooperative Creameries, by T. G. Stitts and Gordon C. Laughlin. 1937.
- No. 12. Analysis of the business operations of cooperative cotton gins in Oklahoma, 1933-34, by Otis T. Weaver and Omer W. Herrmann. 1937.
- No. 13. Transportation of milk in the Philadelphia milkshed, by John J. Scanlan. 1937.
- No. 14. Cooperative organization of Iowa farmers' creameries, by Frank Robotka and Gordon C. Laughlin. 1937.

BULLETINS (Cont.):

- No. 15. Contract feeding and pasturing of lambs and cattle, by C. G. Randell. 1937.
- No. 16. Milk cooperatives in four Ohio markets, by Wm. C. Welden and T. G. Stitts. 1937.
- No. 17. Commercial trucking of fruits and vegetables in nine Atlantic Coast States, by Neptune Fogelberg and Herbert W. Mumford, Jr. 1937.
- No. 18. Use of motortrucks in marketing fruits and vegetables, by Marius P. Rasmussen. 1937.
- No. 19. Business analysis of the Utah Poultry Producers Cooperative Association, by John J. Scanlan. 1937.
- No. 20. Farmers' purchasing associations in Wisconsin, by Rudolph K. Froker and Joseph G. Knapp. 1937.
- No. 21. Farmers'-mutual windstorm-insurance companies, by Gordon A. Bubolz. 1938.
- No. 22. Cooperative purchasing of farm supplies in Mississippi, by John H. Lister and Gerald M. Francis. 1938.
- No. 23. Problems and trends in farmers' mutual fire insurance, by V. M. Valgren. 1938.
- No. 24. The surplus problem in the northeastern milksheds, by Leland Spencer. 1938.
- No. 25. Relative prices to producers under selected types of milk pools, by T. G. Stitts, W. C. Welden, E. W. Gaumnitz, O. M. Reed, and H. L. Forest. 1938.
- No. 26. A statistical handbook of farmers' cooperatives, by French M. Hyre and others. 1938.
- No. 27. Cooperative purchasing through the Illinois Farm Supply Company and its member county companies, by John H. Lister. 1938.
- No. 28. Accounting procedure for cooperative grain elevators, by E. B. Ballow. 1938.
- No. 29. Terminal fruit auctions as marketing agencies for farmers' cooperatives, by Kelsey B. Gardner. 1938.
- No. 30. Operations of cooperative grain elevators in Kansas and Oklahoma, 1931-32 to 1936-37, by Harold Hedges. 1939.

BULLETINS (Cont.):

- No. 31. Cooperative farm supply purchasing in the British Isles, by Joseph G. Knapp. 1939.
- No. 32. Cooperative milk marketing in Louisville and other nearby cities, by Wm. C. Welden and T. G. Stitts. 1939.
- No. 33. Cooperative marketing of fleece wool, by James M. Coon. 1939.
- No. 34. Cooperative marketing of livestock at Cincinnati by the Producers Cooperative Commission Association, by H. H. Hulbert. 1939.
- No. 35. Livestock auction sales in the United States, by C. G. Randell and L. B. Mann. 1939.
- No. 36. Butter marketing by cooperative creameries in the Middle West, by Paul E. Quintus and T. G. Stitts. 1939.
- No. 37. Cooperative egg and poultry auction associations, by John J. Scanlan and Roy W. Lennartson. 1939.
- No. 38. Cooperative purchasing by Indiana farmers through federated county Farm Bureau associations, by Gerald M. Francis. 1939.
- No. 39. Cooperative creamery accounting, by Delmer D. Brubaker. 1939.
- No. 40. Cooperative grain marketing by local warehouses and elevators in the Pacific Northwest, by Harry E. Ratcliffe. 1940.
- No. 41. Expenses, income and dividends of Oklahoma and Texas cooperative cotton gins, by John S. Burgess and Otis T. Weaver. 1940.
- No. 42. Marketing potatoes through the Ohio Farm Bureau Cooperative Association, by Charles W. Hauck and A. W. McKay. 1941.
- No. 43. Cooperative grain elevators in North Dakota and Eastern Montana, by Harry E. Ratcliffe, Perry V. Hemphill, and Harold F. Hollands. 1941.
- No. 44. Business stability of Iowa farmers' elevators, by E. B. Ballow. 1941. [In press]
- No. 45. Reinsurance among farmers' mutual fire insurance companies, by V. N. Valgren. 1941.

BULLETINS (Cont.):

- No. 46. Classification and rating of farm fire risks, by Kenneth H. Hunter. 1941.
- No. 47. Cooperative canning of fruits and vegetables, by Neptune Fogelberg and W. Gordon Leith. 1941. [In press]
- No. 48. Sales and distribution policies of cooperative canneries in the United States, by Harry C. Hensley. 1941. [In press]
- No. 49. Selling fresh fruits and vegetables cooperatively, by J. H. Heckman. 1941. [In press]
- No. 50. Legal phases of cooperative associations, by L. S. Hulbert. 1941. [In press]
- No. 51. Marketing Maine potatoes in Maine and in Boston, by Gordon W. Sprague. 1941. [In press]
- No. 52. Retail outlets for fruit in New York City, by Marius P. Rasmussen, Ford A. Quitslund, and Edwin W. Cake. 1941. [In press]

CIRCULARS:

- No. C-101. Early developments in cooperative cotton marketing, by O. W. Herrmann and Chastina Gardner. 1936.
- No. C-102. Organization and operation of cooperative irrigation companies, by Wells A. Hutchins. 1936.
- No. C-103. Western cattle and sheep areas, by L. B. Mann. 1936.
- No. C-104. Economic analysis of bargaining problems of milk cooperatives, by T. G. Stitts and Wm. C. Welden. 1937.
- No. C-105. Cooperative fluid-milk associations in Iowa, by Paul E. Quintus and T. G. Stitts. 1937.
- No. C-106. Patronage problems of Mid-West Producers' Creameries, Inc., by Gordon C. Laughlin and T. G. Stitts. 1938.
- No. C-107. Refrigerated food lockers, by L. B. Mann. 1938.
- No. C-108. Organizing a farmers' cooperative, by S. D. Sanders. 1939.
- No. C-109. Organizing a cooperative cotton gin, by Otis T. Weaver and U. H. Prickett. 1939.

CIRCULARS. (Cont.):

- No. C-110. Marketing fruits and vegetables cooperatively, by M. C. Gay. 1938.
- No. C-111. Co-ops in agriculture, by French M. Hyre. 1939.
- No. C-112. Development of cooperative cotton ginning, by Omer W. Herrmann. 1939.
- No. C-113. Farmers' retail petroleum associations, by Joseph G. Knapp and French M. Hyre. 1939.
- No. C-114. Crushing cottonseed cooperatively, by John S. Burgess, Jr. 1939.
- No. C-115. Organization structure of farmers' elevators, by Harold Hedges. 1939.
- No. C-116. Cooperative marketing of dairy products, by Harry C. Trelogan and French M. Hyre. 1939.
- No. C-117. South Brazil - New land of cotton, by Omer W. Herrmann. 1940.
- No. C-118. Operation of small-lot country fruit and vegetable auctions, by Edwin W. Cake. 1940.
- No. C-119. Operating methods of Challenge Cream & Butter Association, by Paul E. Quintus. 1940.
- No. C-120. Cooperative purchasing of farm supplies in Georgia, by Gerald M. Francis. 1940.
- No. C-121. The citrus industry and the California Fruit Growers Exchange system, by Neptune Fogelberg and A. W. McKay. 1940.
- No. C-122. Cooperative grain marketing in the United States, by Harold Hedges. 1941.
- No. C-123. Personnel management in farmers' cooperatives, by R. G. Beers. 1941.
- No. C-124. Distribution of milk by farmers' cooperative associations, by Louis F. Herrmann and Wm. C. Welden. 1941. [In press]
- No. C-125. Distribution of machinery by farmers' cooperative associations, by Gerald M. Francis. 1941.
- No. C-126. Cooperative manufacture and distribution of fertilizer by small regional dry-mix plants, by John H. Lister. 1941. [In press]

YOU AND YOUR CO-OP SERIES:

- Cir. E-6. Using your co-op creamery, by Paul E. Quintus. 1939.
- Cir. E-7. Using your livestock co-op, by L. B. Mann. 1939.
- Cir. E-8. Using your co-op elevator, by Harold Hedges. 1939.
- Cir. E-9. Using your co-op gin, by Otis T. Weaver. 1939.
- Cir. E-10. Using your wool co-op, by James M. Coon. 1939.
- Cir. E-11. Using your purchasing association, by Joseph G. Knapp. 1939.
- Cir. E-12. Using your fruit and vegetable co-op, by A. W. McKay. 1939.
- Cir. E-13. Using your poultry and egg co-op, by John J. Scanlan. 1939.
- Cir. E-14. Using your fluid milk co-op, by Harry C. Trelogan. 1939.
- Cir. E-15. Insuring through your farmers' mutual, by V. N. Valgren. 1939.
- Cir. E-16. Using your national farm loan association. 1940.
- Cir. E-17. Using your production credit association. 1940.
- Cir. E-18. Sizing up your cooperative, by J. E. Wells, Jr. 1939.
- Cir. E-19. Forming farmers' cooperatives, by Tom G. Stitts. 1939.
- Cir. E-20. Financing farmers' cooperatives, by E. A. Stokdyk. 1939.
- Cir. E-21. Managing farmers' cooperatives, by Kelsey B. Gardner. 1939.
- Cir. E-22. Merchandising by farmers' cooperatives, by Harry C. Hensley. 1939.
- Cir. E-23. The story of farmers' cooperatives, by R. H. Elsworth. 1939.
- Cir. E-24. Three principles of agricultural cooperation, by Ward W. Fetrow. 1940.
- Cir. E-25. Using a local cooperative as source material for teaching, by J. L. Robinson. 1939.

LEAFLET SERIES:

- No. L-1. Cooperative terminal livestock marketing. 1940.
- No. L-2. Up-to-date grain marketing in the Pacific Northwest.
1940.
- No. L-3. Volume as a key to successful cooperative gins. 1940.
- No. L-4. Cooperative possibilities in cottonseed oil mills. 1940.
- No. L-5. Cooperative technique in a West Coast dairy regional.
1940.
- No. L-6. How cooperative auctions fit the poultrymen's needs.
1940.
- No. L-7. Hoosier progress in farm supply purchasing. 1940.
- No. L-8. Cooperative possibilities in improving apple sales. 1940.
- No. L-9. How farmers' cooperatives use terminal fruit auctions.
1940.



